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PLACEMENT OF AIRCRAFT CONTROLS

*JOHN W. GARRETT
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SEPTEMBER 1970



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PLACEMENT OF AIRCRAFT CONTROLS

JOHN W. GARRETT

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ABSTRACT

Data are presented to guide the designer in placing aircraft controls to be operated by lightly clothed or pressure-suited aircrewmen. The capabilities of 17 subjects wearing various combinations of personal equipment to reach 81 locations within a 180° arc forward of Seat Reference Point were determined. Each subject was tested while wearing personal equipment, consisting of an underarm life preserver, parachute harness and, successively, a K2B flight coverall, an uninflated, and an inflated A/P22S-2 Full-Pressure Suit. The subjects sat in a seat configured to approximate Air Force specifications. During the tests they were restrained in the seat by a lap belt and shoulder straps with the inertial reel locked and again with the inertial reel unlocked. Pictorial descriptions of the dimensions, the reach capabilities of each subject, and recommended design values are presented.

FOREWORD

This study was conducted under Project 7184, "Human Performance in Advanced Systems"; Task 718408, "Physical Anthropological Criteria for Air Force Systems Design"; Work Unit 008, "Layout of Workspaces."

The tests were conducted at the 4756th Physiological Training Unit, Air Defense Command, Tyndall Air Force Base, Florida, during the fall and winter of 1969-70.

The authors extend their appreciation to Major Carroll R. Cooley, Officer-in-Charge, Major Paul F. Roberts, and CMSgt. Perry W. McGlynn, 4756th Physiological Training Unit, Tyndall Air Force Base, Florida, and their technical personnel, for their cooperation during all phases of the test.

Major Paul F. Roberts was instrumental in technical formulation of the entire program. His keen insight in dealing with the special problems inherent in full pressure suit technology did much to enhance the success of the program. For his participation and technical capability, we are deeply grateful.

MSgt. Robert T. Dutka, 4756th Physiological Training Unit, fabricated the device used to gather the data and is recognized for his ingenuity in designing certain component parts. The authors thank him for performing this most tedious task.

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This technical report has been reviewed and is approved.

CLINTON L. HOLT, Colonel, USAF, MC
Commander
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SECTION I

INTRODUCTION

One of the most fruitful segments of the still young science of engineering anthropology has been the series of studies, beginning in the 1940s, describing man's ability to reach, grasp and actuate controls. These studies have had useful application in the design of aircraft cockpits and other work stations; that is, as an aid in determining control placement vis a vis the control operator. In an introductory section of his study on reach capability, Kennedy (1964) succinctly traced the development of these studies and delineated the changing requirements for arm reach data as modern aircraft were developed.

The absence of published arm reach data on a satisfactory sample of Air Force personnel wearing flight equipment in actual cockpit situations presents manifest difficulties to the aircraft designer. To accommodate a suited, helmeted, harnessed and restrained pilot, "fudge factors" or selected increments must be added to or subtracted from published data on nude Air Force personnel. Personal equipment adds another layer of consideration. McCormick (1964) in his nonpareil text "Human Factors Engineering" states the rule thusly:

In connection with clothing and other personal gear, it should be pointed out that where such items can inhibit movement, or increase space requirements, the available data on unencumbered subjects should be viewed with extreme caution. (p. 386)

As aircraft grow more complex, the bulk of personal protective equipment the pilot must wear generally increases as he enters the hostile world of high G, high altitude flight. The G-suit and oxygen mask era that followed the "Smilin' Jack" age of leather jacket, leather cap and goggles is in turn being succeeded by the current potential requirement for "full-pressure suit piloted" aircraft systems. Unlike the personal equipment of yesterday now reposing in museums and attic trunks, the arm reach data collected under dissimilar conditions may be viable if used with discretion. The first and perhaps most important factor is preplanning recognition that a pressure-suited pilot in a high performance aircraft is a different man, anthropometrically and biomechanically, than when he flies an Aero-Club Piper in his off-duty sport shirt. The necessary protection provided by the pressure suit against the hostile environment of high altitude flight is paid for by an increase in the gross area occupied by his body and suit and by an accompanying reduction of shoulder mobility and hand dexterity. At the present state of the art of pressure suit design, this price is unavoidable, although assuredly, it may be minimized by proper fitting of the garment according to published Air Force standards. The extent of the anthropometric increments of the full-pressure suited pilot and of the biomechanical limitations imposed by the full-pressure gloves have been ascertained and published in two recent reports (Alexander et al., 1970; Garrett, 1968).

A pilot does not sit freely in the cockpit, when encumbered by his clothing. Additional requirements of restraint and possible ejection are evident while wearing a seat belt is mandatory, as well as a shoulder harness, a parachute harness, and generally, for all flights over water, an underarm life preserver. It is imperative that the aircraft's personnel restraint subsystem and personal equipment items be taken into consideration when collecting or applying arm reach data to cockpit design.

This report contains the results of a study of the arm reach capability of Air Force aircrewmembers wearing various items of Air Force flight equipment including the K2B lightweight flight coveralls and single layer leather gloves; the A/P22S-2 full-pressure suit, both uninflated and inflated to 3.5 psig (with full-pressure gloves); and at all times a parachute harness and underarm life preserver. This capability was measured on subjects seated in a non-specific aircraft seat, their seat belt snug and the shoulder harness-inertial reel in both locked and unlocked conditions. These data are the first available for aircrew arm reach capability

secured over an entire size range of Air Force full-pressure suits worn by subjects experienced in wearing pressure suits. The necessity for data collection on an entire size range of full-pressure suits should be evident. Aircraft are flown by men who, in addition to other criteria, meet specified physical requirements of height and weight and no segment of this population should be eliminated simply because they cannot fit the cockpit. Note: A man's height and weight do not necessarily indicate the proportionate length of his arms. If the subjects have never worn full-pressure suits, time must be allowed for them to become familiar with the suit before data collection begins. The suit is remarkable in its capacity to be lived in and worked in, but the first-time wearer almost invariably refuses to test the suit or to move his arms about; he is concerned more with an imagined hazardous situation until he builds up his confidence in the suit. Until this confidence is reached, armreach data may fall considerably short of reflecting true capability.

Another major factor to be stressed is that the personal equipment worn by a pilot affects his arm reach capability and any cockpit design must reflect the arm reach capability of the pilot while wearing mandatory items of personal equipment. Certain items are not mandatory but are left to pilot preference, and again, the restraint and escape subsystems in various aircraft differ in configuration somewhat, but essentially each pilot must be harnessed into his seat by a seat belt and shoulder straps while he is wearing a parachute harness and, for flights over water, an underarm life preserver. During take off, landing, and other critical situations the pilot is tightly restrained in the seat by the inertial reel. This helps him achieve proper ejection posture and also provides protection against crash impact. During normal flight the inertial reel is unlocked, permitting him to bend his trunk forward and laterally to some degree.

The data pages of this report present our design recommendations for the maximum distances from the operator to the control knob locations. Up to 81 different placements forward of the seated operator are recommended for each of six different combinations of clothing and restraint. While primarily for the pilot work place, these data may be used for the layout of navigator, EWO, or all work places to be occupied by a similarly encumbered aircrewman during flight.



Figure 1. Test Apparatus

SECTION II

EXPERIMENTAL PROCEDURE AND RATIONALE

THE TEST EQUIPMENT

The device used during the test was fabricated in plywood and consisted of three parts:
(See figure 1)

SEAT

The seat was a generalized version of those used in aircraft. The back angle was set at 13°; the aft 5.75 inches of seat pan was horizontal, the forward section was inclined 12.5°; the Seat Reference Point (SRP) was set at 8.5 inches. The seat pan was covered with a 1-inch foam pad for comfort. The entire seat was adjustable vertically within a 5-inch range by means of a scissors-type automotive jack.

DECK

The deck consisted of a plywood platform approximately 5 by 10 feet. Affixed to the upper surface were seven 0.5 by 0.5 inch slats, radiating from a common zero point, the seat reference point (or XSRP), dropped vertically to the base. The two lateral slats defined the subject's frontal plane, two additional slats at 30° and 60° on either side, and a perpendicular slat, separating the right and left fore-quadrants comprise the seven. All slats were overlayed by steel measuring tapes calibrated in feet and 0.5 inch increments.

KNOB-MOUNTED VERTICAL

The plywood board was mounted in the vertical plane with the base section grooved to facilitate fore and aft movement in relation to the subject along the seven deck slats. Nine knobs (basically standard C-1 type radio-control knobs, Morgan et al, 1963) were spaced in accordance with figure 3, and mounted to permit free rotation.

SEQUENCE OF TEST

The test was conducted with subjects wearing the following order of personal protective equipment:

LIGHTWEIGHT FLIGHT COVERALL (K2B)

Each subject donned his appropriate size K2B Lightweight Flight Coverall, a pair of light flying gloves, the LPU-2/P Underarm Life Preserver, and the back-type parachute harness, adjusted in accordance with technical order requirements. After being seated in the test apparatus his horizontal vision line was adjusted to a height of 39.5 inches from the deck. Shoulder straps and lap belt were tightened snugly but comfortably. The inertial reel controlling the shoulder straps was unlocked, thus allowing up to 12 inches of "give" or travel at the discretion of the subject.

The subject then proceeded to grasp and turn each knob in as many of the 81 potential positions forward of his frontal plane as he could reach in accordance with the sequence outlined in figures 2 and 3.

Next, the inertial reel controlling the shoulder straps was locked and the straps rechecked for snugness. With the "give" thus eliminated in the system, the subject was effectively maintained against the seat back during a repeat of the sequence of grasps and turns as above.

FULL-PRESSURE SUIT, UNINFLATED

Each subject donned his indicated size A/P22S-2 Full Pressure Suit including helmet and full-pressure gloves, the LPU-2/P underarm Life Preserver, and the back type para-

chute harness, adjusted in accordance with technical order requirements. Shoulder straps and lap belt were adjusted snugly but comfortably. The inertial reel controlling the shoulder straps was unlocked, thus allowing up to 12 inches of "give" or travel at the discretion of the subject. Ventilation was achieved by a 13 cfm flow of air.

The subject proceeded to grasp and turn each knob in as many of the 81 potential positions as he could reach in accordance with the sequence outlined in figures 2 and 3.

In the next step, the inertial reel controlling the shoulder straps was locked and the straps rechecked for snugness. With the "give" thus eliminated in the system, the subject was effectually maintained against the seat back during the next and identical sequence of grasps and turns as before.

FULL PRESSURE SUIT, INFLATED

In exactly the same sequence and with the same equipment, the subject proceeded to perform exactly the same test with his full pressure suit inflated to 3.5 psig. The helmet tie-down was activated to assure proper placement of the helmet on his head.

NOTES CONCERNING TEST RATIONALE

To achieve the desired results as stated in the introduction, the following factors were considered.

SIMULATION OF COCKPIT SITUATION

A qualified, rated Air Force officer verified by personal observation the close relationship between the test situation and an actual operational environment.

TEST SEAT

Inspection of numerous aircraft seats reveals such a wide variance in side panels and armrests that generalization of the test seat was mandatory to preclude the omission of certain types, thus no side panels or arm rests were used.

HORIZONTAL VISION LINE

The horizontal vision line was set at 39.5 inches above the deck in accordance with AFSC Handbook DH 2-2 (ref 35) recommendation for Fighter Aircraft, Single and Tandem Cockpits. To apply these design criteria to cargo and bomber aircraft, which call for a 41.5 inch Eye-to-Deck Distance, 2 inches should be added to the recommended Deck to Knob vertical distances.

KNOB SPACING

Vertical spacing of the test knobs closer at the higher and lower extremes assured that placement data in these marginal areas were included.

KNOB ROTATION

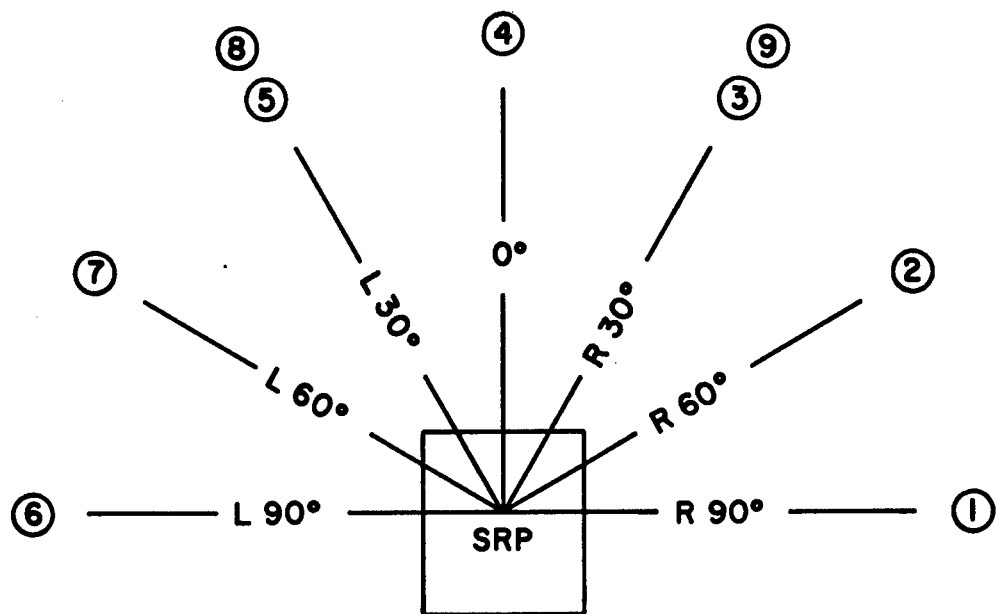
A valid contact of the control knob was considered to be a full quarter (90°) turn to the right, involving a thumb-forefinger grasp. This is a deliberate motion and precludes uncontrolled or accidental actuation.

CROSS-OVER REACH

Data concerning the subject's ability to reach across his body have been included to provide limits of a central zone for critical control placement to which personnel can reach with either hand should one arm become disabled.

REACH CAPABILITY

Awareness that the smaller man is not necessarily the man with the shortest arm



① RIGHT ARM	⑤ RIGHT ARM CROSSED OVER TO LEFT SIDE
② RIGHT ARM	
③ RIGHT ARM	⑥ LEFT ARM
④ EITHER RIGHT OR LEFT ARM (SUBJECT'S PREFERENCE)	⑦ LEFT ARM
	⑧ LEFT ARM
	⑨ LEFT ARM CROSSED OVER TO RIGHT SIDE

Figure 2. Sequence of Reach Procedure

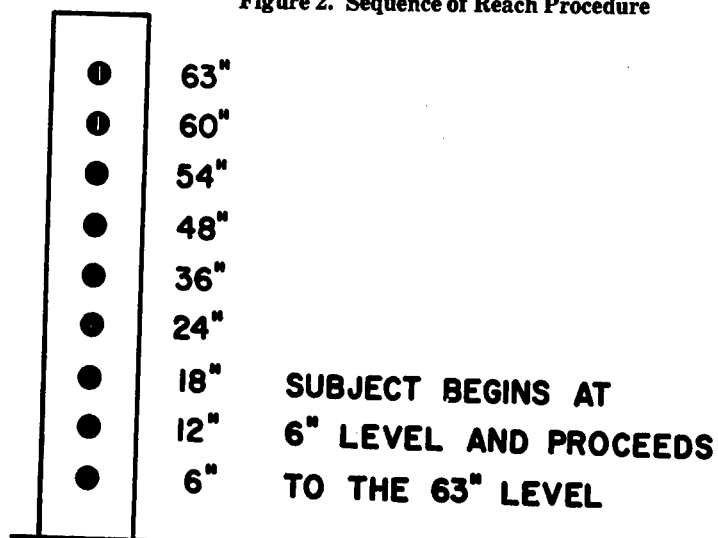


Figure 3. Knob Distances from Deck

reach, nor, conversely, that the largest man does not necessarily have the greatest arm reach is important before applying the design recommendations. In fact, of the first 15 knob positions for which design criteria are presented, the minimum reach was accomplished by one of the smallest subjects, as defined by the Height-Weight Sizing System, only four times and the maximum value obtained by one of the biggest subjects only three times. Various reasons for this anomaly including, among others, variability of joint mobility, muscular development and heavy fat deposition are reported by Kennedy (1964). This should emphasize the fallacy of selecting the smallest and largest man in the house, designating them as extreme standards, and validating a particular design solution by their performance.

The design criteria for control placement, then, are not based on the reaching abilities of the smallest man, but instead are based on the shortest arm reach capability within the population of control users. At various locations these design criteria will reflect the reach capabilities of various men, but the overall design criteria system has been structured so that through the use of this system practically all users will be able to actuate *each and every* control.

DESIGN CRITERIA

Rationale for selecting the actual design values are based on the minimum arm reach value within the entire sample, rounded to the nearest inch. For those conditions where two or more subjects were unable to reach, grasp and actuate the knob we recommend against the placement of any knob at that point.

SECTION III

DESCRIPTION OF PERSONAL EQUIPMENT UTILIZED

K2B LIGHTWEIGHT FLIGHT COVERALLS

The K2B Lightweight Flight Coveralls are the basic temperate weather flight garment worn by USAF flight personnel. It is a one-piece, beltless, Indian orange or sage green coverall, designed for comfort and efficiency. The garment has a slide fastener body closure at center front, two slide fastener leg closures, extending from below the knee to the bottoms of the cuffs. Pockets are located on the right and left breast, right and left thighs, and the outer sides of the right and left legs. Smaller equipment pockets are located on the side of the left thigh, and superimposed on the breast pockets. The suit is manufactured in 12 sizes, ranging from small-short to extra large-long.



Figure 4. K2B Lightweight Flight Coveralls

A/P22S-2 FULL PRESSURE SUIT (From Ref 2)

The garment selected for this study was the A/P22S-2 full pressure suit developed by the David Clark Company, Worcester, Massachusetts. This particular suit has been standardized for large-scale operational use in the United States Air Force and it has served as a basis for development of a continuing family of suits that are in process of becoming part of the inventory. It is the only full pressure suit in the U.S. Air Force that is sized in accordance with an established sizing program designed to fit the various body sizes represented in the Air Force population of aircrewmen.

The A/P22S-2 suit consists of a multi-layered integral unit covering the torso including the neck, the arms above the wrist, and the legs. Helmet and gloves connect to the suit by pressure-sealing devices. The suit itself consists of four layers described essentially as follows in Air Force Manual 160-5.

Outer Cover—Outer layer of the suit is constructed of nylon/polyurethane material, which serves as a protective layer for the underlying layers. It consists of nonpressure sealing zippers and pockets for storage of various utility items.

Restraint Layer—The second layer serves to restrain the inflation bladder, and is composed of a link-net material fabricated by a single cord weave of a continuous dacron line. The link-net joints are connected at the shoulders and crotch with a nonstretchable material.



Figure 5. A/P22S-2 Full Pressure Assembly

Bladder Layer—The bladder layer, or gas container, of the A/P22S-2 suit, is made from a silicone impregnated nylon/chloroprene material and is constructed larger than the restraint layer to avoid undue tension on the seams. The silicone treatment reduces friction between the bladder and the link-net restraint layer. The zippers on this layer have a capability of containing 20 psi. One is located in the crotch area and serves as a relief opening, the other winds around the torso section and serves as the entrance opening.

Ventilation Layer—The fourth layer performs a ventilation function. It consists of a network of nylon tubes held open by wire coils. The tubes are joined by an oxford weave. The diffusion tubes are routed up the torso, around the neck and down each extremity. It is a closed-duct multigas system capable of using oxygen or air.

The Glove used with the A/P22S-2 Full Pressure Suit is designated HAK-3/P and is constructed of goatskin with a neoprene/cotton flocking bladder. Good wrist mobility is attained with the use of link-net material. The gloves are fabricated in accordance with the 12-size sizing program developed by Barter and Alexander (1956).

The Helmet comes in one size only and is adjusted around the head by means of a harness take-up reel. The vertical adjustment is made by changing crown pads that come in three thicknesses (small, medium, and large) and are held in place in the crown of the helmet by Velcro hook tape. The helmet shell is constructed of Fiberglas material with Plexiglas visor. It contains the oxygen system composed of a regulator, oxygen hoses, spray bar for antifogging and a faceséal. The communications system consists of a headset and boom-mounted microphone. A side-mounted sunshade of tinted Plexiglas is included for use if necessary. At the base of the helmet is a connecting ring for mounting on the suit. The helmet shell comes in one size with a series of internal pads of varying thickness to accommodate various sizes and shapes of heads.

LPU-2/P UNDERARM LIFE PRESERVER

The LPU-2/P Underarm Life Preserver assembly used by Air Force personnel consists of two fabric flotation cells packed into flat envelope type containers attached to an adjustable harness that secures the assembly to the wearer's body. Each flotation cell is mechanically inflated by a 28-gram carbon dioxide cylinder, and in event of mechanical

failure an oral inflation system is provided on each cell. It is also designed to vent air in the cells at altitude or during decompression.

The LPU-2/P is worn over outer flight clothing and under the parachute harness. Both flotation cell packets are positioned under the arms but outside the parachute harness. The cell containers are correctly positioned when the lanyard and pull handle of the inflator mechanism extends from the lower front corner of each packet. The shoulder straps are adjusted to provide a snug fit when both cell containers are positioned under the armpits and as high as can be tolerated comfortably.

BACK TYPE PARACHUTE HARNESS

The USAF Back-Type Parachute Harness was used in this experiment. Its function is to secure the parachute assembly to the body of the wearer. It is constructed of materials that adequately support the wearer during descent and absorb the opening shock without injury to the parachutist. The harness is constructed of nylon webbing and starts as a loop called the sling. Both ends of the sling are attached by links to the parachute suspension lines. It incorporates leg, back, and chest straps to keep the parachutist from falling out of the sling. The leg straps keep him from falling downward out of the sling, the diagonal back straps from tumbling backwards, the horizontal back straps from jack-knifing and falling buttocks-first, and the chest straps keep him from falling forward out of the sling. See Figure 7 for the proper fit and integration of the Parachute Harness and Underarm Life Preserver.



Figure 6. Back Pack Parachute Harness



**Figure 7. Parachute Harness and LPU Underarm Life Preserver
Properly Integrated and Fitted**

SECTION IV

SAMPLE DESCRIPTION

THE HEIGHT-WEIGHT SIZING SYSTEM

In 1956, the Anthropology Branch developed a garment sizing technique based on the body size variability of the Air Force flight population. This technique is the USAF Height-Weight Sizing System (Emanuel, et al., 1959). The core concept of the system is that two variables, Height and Weight, in combination, show generally the highest correlation with most other body dimensions important in clothing design. Height correlates sufficiently well with the linear body dimensions and Weight with breadths, depths and girths. Under this sizing system a number of sizing programs were developed, each particular program containing a carefully graded number of sizes, each accommodating a definite segment of the Air Force body-size distribution.

The K2B Lightweight Flight Coveralls used in this study come in twelve sizes. Each of the 17 subjects participating in this study were fitted in accordance with the Twelve-Size Height-Weight System. Table I presents the height-weight range for each of the twelve sizes.

The full pressure suits used in this study were sized in accordance with the Eight-Size Height-Weight System. The 17 subjects in the study were fitted in their appropriate A/P22S-2 Full Pressure Suit in accordance with table 2.

As logistical considerations of pressure suits are infinitely more complex than those of coveralls, our immediate purpose was to secure an entire size range of full pressure suits and the desired number of subjects for each. The achievement of this goal unfortunately precluded the use of an entire size range of K2B Coveralls. The sample does, however, reflect the use of 11 of the 12 sizes of K2B Coveralls.

TABLE 1—STANDARD TWELVE-SIZE HEIGHT-WEIGHT CHART
Used in Fitting The K2B Lightweight Flight Coveralls

<i>Size</i>	<i>Height (inches)</i>	<i>Nude weight (pounds)</i>
Small-Short	63-65.9	125-149
Small-Regular	66-68.9	125-149
Small-Long	69-71.9	125-149
Medium-Short	64.5-67.4	150-174
Medium-Regular	67.5-70.4	150-174
Medium-Long	70.5-73.4	150-174
Large-Short	66.0-68.9	175-199
Large-Regular	69.0-71.9	175-199
Large-Long	72.0-74.9	175-199
Extra Large-Short	67.5-70.4	200-224
Extra Large-Regular	70.5-73.4	200-224
Extra Large-Long	73.5-76.5	200-224

TABLE 2—STANDARD EIGHT-SIZE HEIGHT-WEIGHT CHART
Used in Fitting The Full Pressure Suit

<i>Size</i>	<i>Height (inches)</i>	<i>Nude weight (pounds)</i>
Small-Regular	63.0-67.5	125-149
Small-Long	67.5-72.0	125-149
Medium-Regular	64.5-69.0	150-174
Medium-Long	69.0-73.5	150-174
Large-Regular	66.0-70.5	175-199
Large-Long	70.5-75.0	175-199
Extra Large-Regular	67.5-72.0	200-224
Extra Large-Long	72.0-76.5	200-224

SUBJECT SAMPLE

The subjects participating in this study were volunteer Air Force personnel from various organizations of the Air Defense Command, Tyndall Air Force Base, Florida. Many were familiar with the full pressure suit, having fitted, serviced and worn them. The selection criteria for each subject was by nude height and weight from which his size of full pressure suit was determined. Three subjects wore the Small-Regular size and two each in the remaining seven sizes of the 8-Size Height-Weight range.

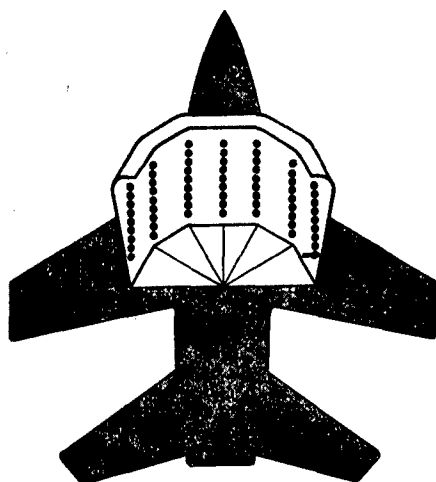
TABLE 3—THE SUBJECTS

<i>Subject #</i>	<i>Age</i>	<i>Height (Inches)</i>	<i>Weight (pounds)</i>	<i>Full Pressure Suit Size</i>	<i>K2B Suit Size</i>
1	24	66.2	125	Small Regular	Small Short
2	21	67.0	142	Small Regular	Small Regular
3	22	65.3	139	Small Regular	Small Regular
4	22	71.1	130	Small Long	Small Long
5	20	68.5	142	Small Long	Small Long
6	32	68.0	162	Medium Regular	Medium Regular
7	41	55.5	151	Medium Regular	Medium Short
8	23	73.5	171	Medium Long	Medium Long
9	23	71.5	162	Medium Long	Medium Long
10	20	71.0	179	Large Regular	Large Regular
11	32	70.0	187	Large Regular	Medium Long
12	23	71.9	177	Large Long	Large Long
13	20	71.0	178	Large Long	Large Long
14	38	69.5	215	X-Large Regular	X-Large Regular
15	24	71.0	219	X-Large Regular	Large Regular
16	21	73.1	222	X-Large Long	X-Large Long
17	25	74.7	212	X-Large Long	X-Large Long

SECTION V THE DATA AND DESIGN RECOMMENDATIONS

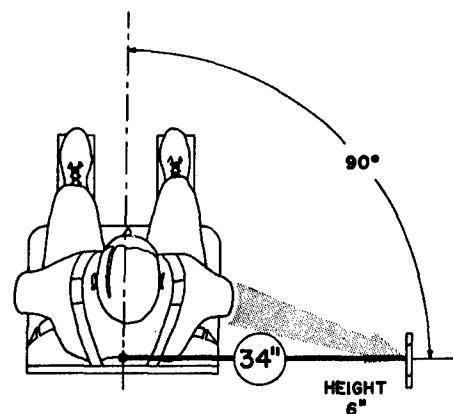
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

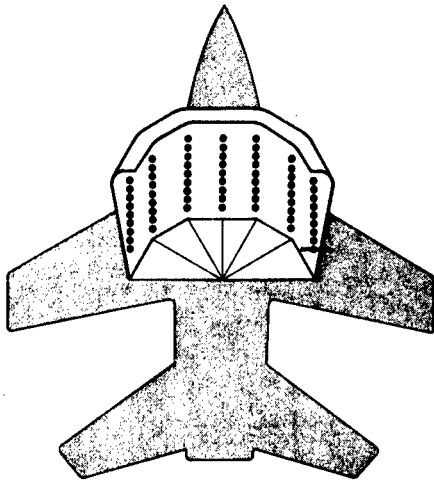
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1 (SS)	4.	38.0	96.5 (SL)	6.	35.0	88.9 (MR)	8.	42.0	106.7 (ML)
2.	39.5	100.3 (SR)	5.	38.0	96.5 (SL)	7.	37.5	95.3 (MS)	9.	41.0	104.1 (ML)
3.	38.0	96.5 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.0	94.0 (LR)	12.	39.0	99.1 (LL)	14.	38.0	96.5 (XLR)	16.	45.5	115.6 (XLL)
11.	34.0	86.4 (ML)	13.	42.5	108.0 (LL)	15.	43.0	109.2 (LR)	17.	40.0	101.6 (XLL)

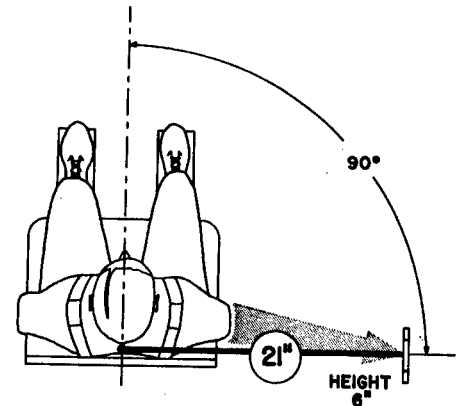
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

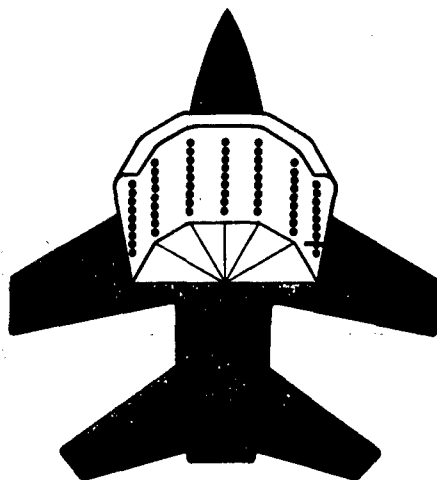
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	25.0	63.5 (SS)	4.	33.5	85.1 (SL)	6.	21.5	54.6 (MR)	8.	31.5	80.0 (ML)
2.	29.0	73.7 (SR)	5.	24.0	61.0 (SL)	7.	21.5	54.6 (MS)	9.	31.0	78.7 (ML)
3.	27.0	68.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	29.0	73.7 (LR)	12.	29.0	73.7 (LL)	14.	29.5	74.9 (XLR)	16.	32.0	81.3 (XLL)
11.	25.0	63.5 (MR)	13.	31.0	78.7 (LL)	15.	35.5	90.2 (LR)	17.	28.0	71.1 (XLL)

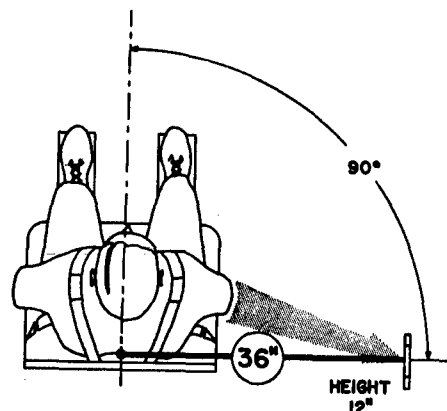
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

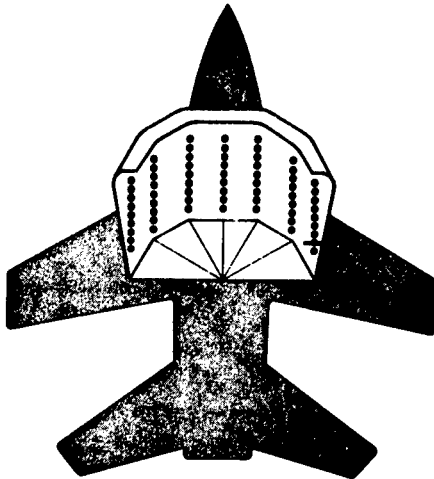
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 36" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.0	106.7 (SS)	4.	42.0	106.7 (SL)	6.	36.0	91.4 (MR)	8.	45.0	114.3 (ML)
2.	43.0	109.2 (SR)	5.	41.0	104.1 (SL)	7.	40.0	101.6 (MR)	9.	45.0	114.3 (ML)
3.	41.0	104.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.5	105.4 (LR)	12.	42.5	108.0 (LL)	14.	43.0	109.2 (XLR)	16.	47.0	119.4 (XLL)
11.	38.0	96.5 (ML)	13.	45.0	114.3 (LL)	15.	45.5	115.6 (LR)	17.	42.5	108.0 (XLL)

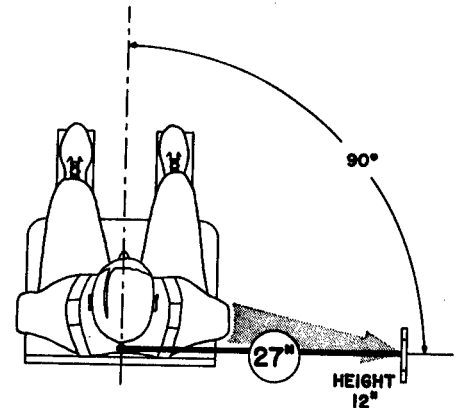
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

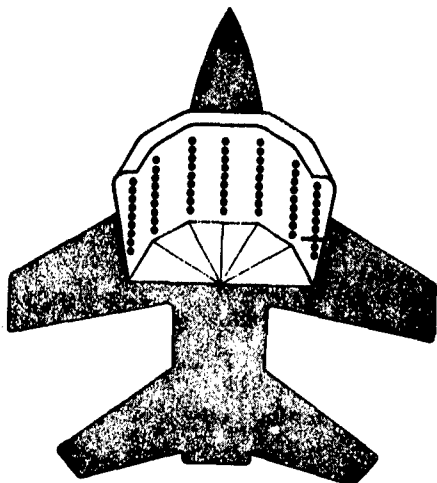
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7 (SS)	4.	37.0	94.0 (SL)	6.	29.5	74.9 (MR)	8.	37.0	94.0 (ML)
2.	34.0	86.4 (SR)	5.	30.0	76.2 (SL)	7.	27.5	69.9 (MR)	9.	37.0	94.0 (ML)
3.	32.5	82.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4 (LR)	12.	33.0	83.8 (LL)	14.	34.5	87.6 (XLR)	16.	36.0	91.4 (XLL)
11.	30.0	76.2 (ML)	13.	35.5	90.2 (LL)	15.	39.0	99.1 (LR)	17.	34.5	87.6 (XLL)

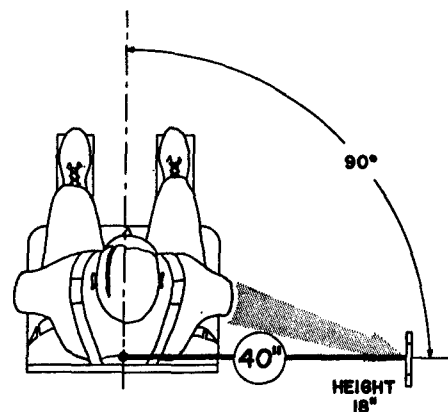
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

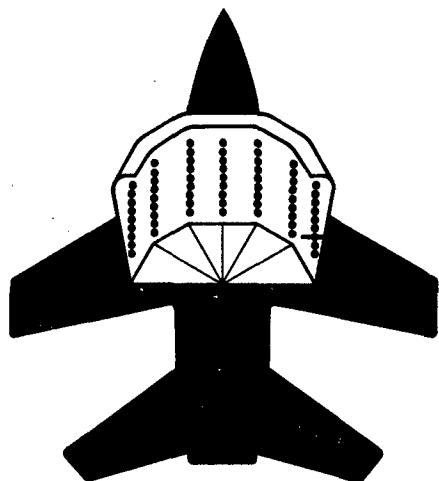
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 40" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2 (SS)	4.	42.0	106.7 (SL)	6.	40.0	101.6 (MR)	8.	46.5	118.1 (ML)
2.	43.0	109.2 (SR)	5.	42.5	108.0 (SL)	7.	41.5	105.4 (MR)	9.	47.5	120.7 (ML)
3.	43.5	110.5 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	44.5	113.0 (LR)	12.	44.5	113.0 (LL)	14.	45.0	114.3 (XLR)	16.	48.5	123.2 (XLL)
11.	41.0	104.1 (ML)	13.	49.0	124.5 (LL)	15.	47.0	119.4 (LR)	17.	45.0	114.3 (XLL)

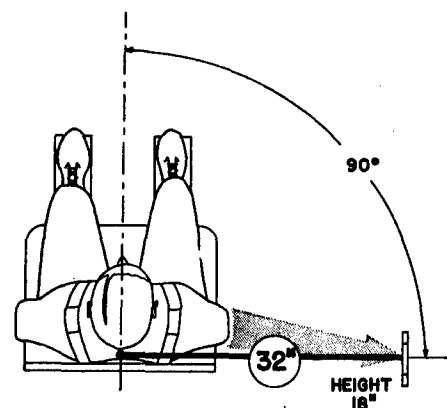
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

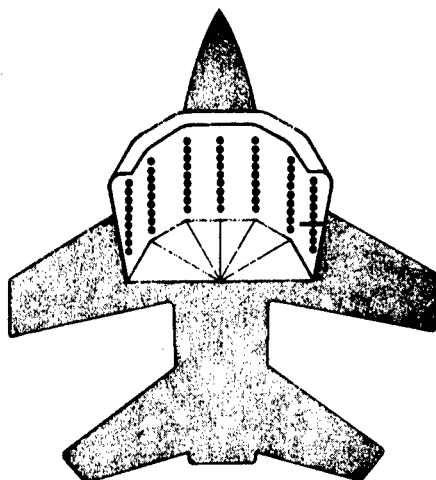
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4 (SS)	4.	39.0	99.1 (SL)	6.	34.0	86.4 (MR)	8.	39.0	99.1 (ML)
2.	36.5	92.7 (SR)	5.	34.0	86.4 (SL)	7.	32.5	82.6 (MS)	9.	37.5	95.3 (ML)
3.	36.5	92.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.5	95.3 (LR)	12.	36.0	91.4 (LL)	14.	37.5	95.3 (XLR)	16.	39.0	99.1 (XLL)
11.	33.5	85.1 (ML)	13.	38.5	97.8 (LL)	15.	41.0	104.1 (LR)	17.	38.0	96.5 (XLL)

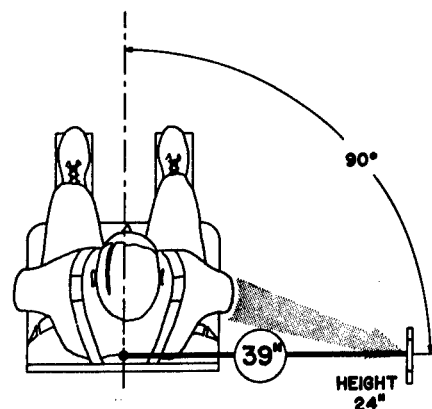
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

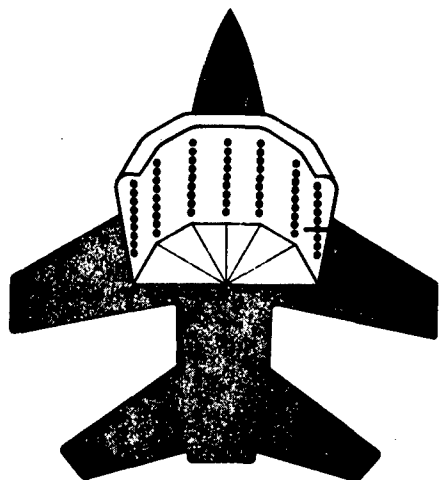
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 39" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2 (SS)	4.	42.0	106.7 (SL)	6.	39.0	99.1 (MR)	8.	47.0	119.4 (ML)
2.	44.5	113.0 (SR)	5.	43.0	109.2 (SL)	7.	42.0	106.7 (MS)	9.	47.5	120.7 (ML)
3.	44.0	111.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	46.0	116.8 (LR)	12.	45.5	115.6 (LL)	14.	45.5	115.6 (XLR)	16.	48.5	123.2 (XLL)
11.	42.0	106.7 (ML)	13.	49.0	124.5 (LL)	15.	47.0	119.4 (LR)	17.	46.5	118.1 (XLL)

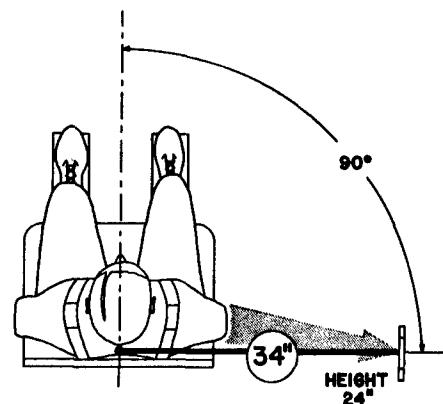
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 34" from XSRP.

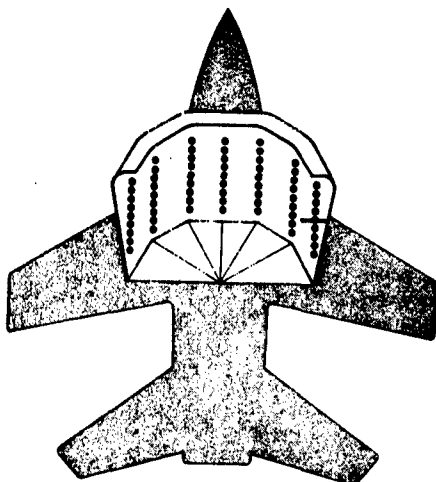
SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	36.0	91.4 (SS)	4.	40.0	101.6 (SL)	6.	35.0	88.9 (MR)	8.	40.0	101.6 (ML)
2.	38.0	96.5 (SR)	5.	35.5	90.2 (SL)	7.	34.0	86.4 (MS)	9.	39.0	99.1 (ML)
3.	38.0	96.5 (SR)									

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	40.0	101.6 (LR)	12.	39.0	99.1 (LL)	14.	39.0	99.1 (XLR)	16.	40.5	102.9 (XLL)
11.	36.0	91.4 (ML)	13.	40.0	101.6 (LL)	15.	42.5	108.0 (LR)	17.	39.5	100.3 (XLL)

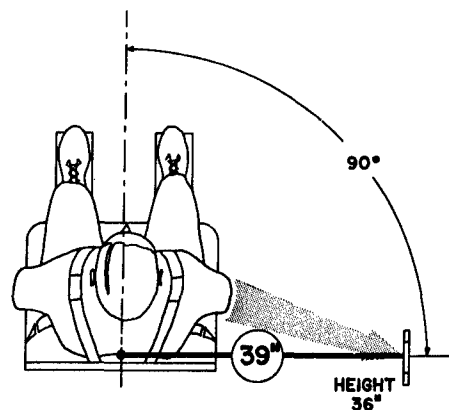
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 39" from XSRP.

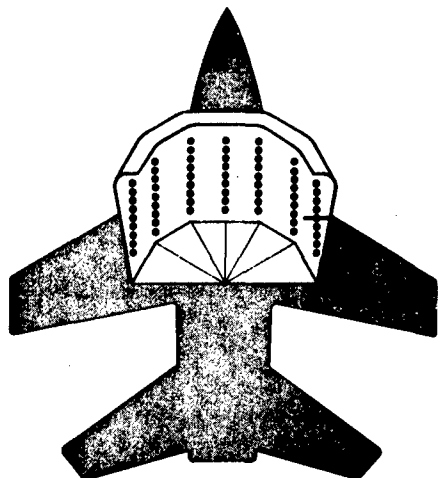
SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	40.5	102.9 (SS)	4.	40.0	101.6 (SL)	6.	39.0	99.1 (MR)	8.	42.5	108.0 (ML)
2.	42.5	108.0 (SR)	5.	40.5	102.9 (SL)	7.	40.5	102.9 (MS)	9.	45.0	114.3 (ML)
3.	42.0	106.7 (SR)									

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.5	105.4 (LR)	12.	44.0	111.8 (LL)	14.	45.0	114.3 (XLR)	16.	47.5	120.7 (XLL)
11.	41.0	104.1 (ML)	13.	46.0	116.8 (LL)	15.	42.0	106.7 (LR)	17.	45.0	114.3 (XLL)

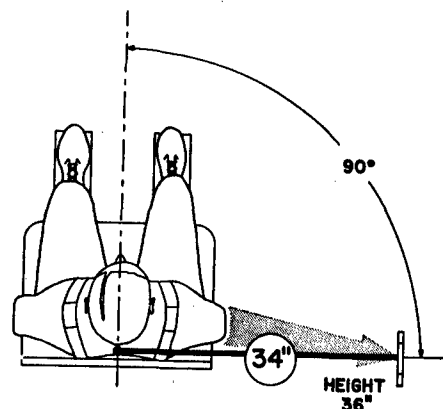
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

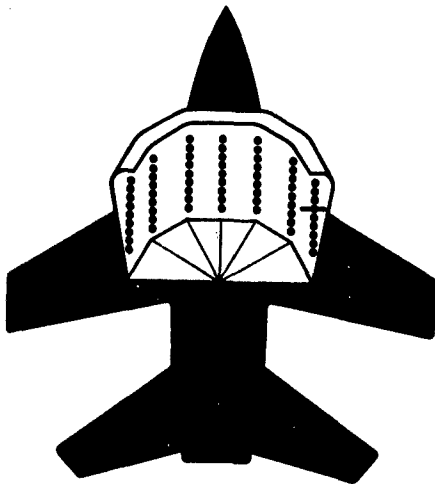
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4 (SS)	4.	39.0	99.1 (SL)	6.	35.0	88.9 (MR)	8.	40.0	101.6 (ML)
2.	37.0	94.0 (SR)	5.	36.0	91.4 (SL)	7.	35.0	88.9 (MS)	9.	39.5	100.3 (ML)
3.	37.5	95.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	39.0	99.1 (LR)	12.	38.5	97.8 (LL)	14.	39.0	99.1 (XLR)	16.	39.0	99.1 (XLL)
11.	36.0	91.4 (ML)	13.	40.0	101.6 (LL)	15.	42.0	106.7 (LR)	17.	40.0	101.6 (XLL)

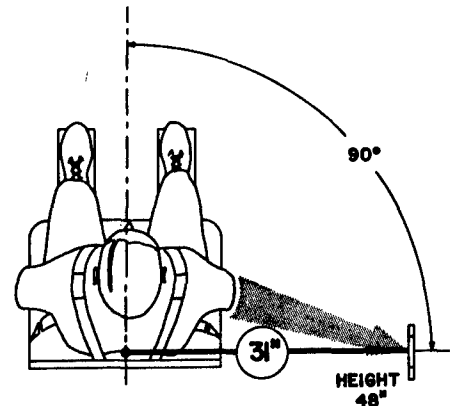
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

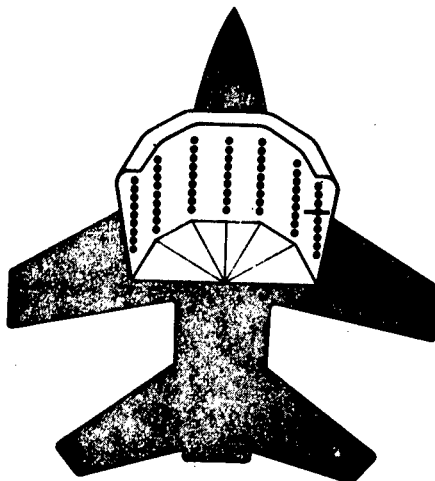
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.0	83.8 (SS)	4.	34.0	86.4 (SL)	6.	34.0	86.4 (MR)	8.	45.0	114.3 (ML)
2.	33.5	85.1 (SR)	5.	32.5	82.6 (SL)	7.	31.5	80.0 (MS)	9.	40.5	102.9 (ML)
3.	35.5	90.2 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.5	87.6 (LR)	12.	38.5	97.8 (LL)	14.	38.0	96.5 (XLR)	16.	39.0	99.1 (XLL)
11.	32.5	82.6 (ML)	13.	39.5	100.3 (LL)	15.	41.0	104.1 (LR)	17.	39.0	99.1 (XLL)

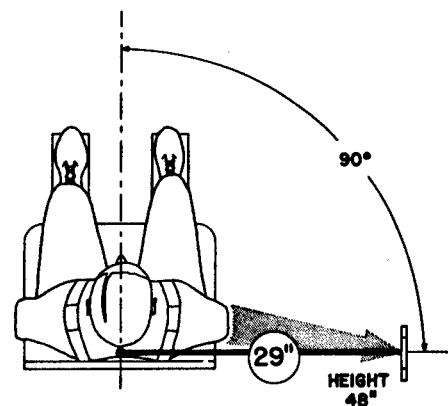
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

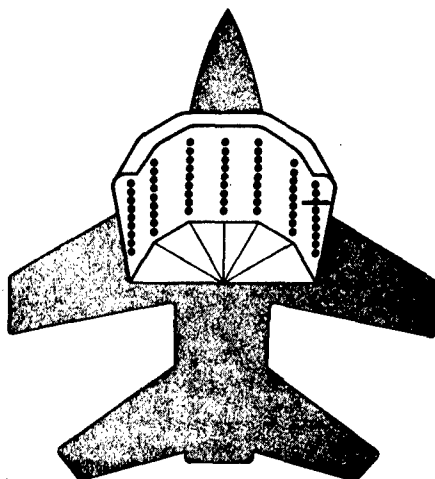
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.0	73.7 (SS)	4.	33.5	85.1 (SL)	6.	30.0	76.2 (MR)	8.	34.0	86.4 (ML)
2.	31.5	80.0 (SR)	5.	30.5	77.5 (SL)	7.	29.5	74.9 (MS)	9.	35.0	88.9 (ML)
3.	31.0	78.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.5	82.6 (LR)	12.	33.0	83.8 (LL)	14.	33.5	85.1 (XLR)	16.	32.5	82.6 (XLL)
11.	30.5	77.5 (ML)	13.	33.0	83.8 (LL)	15.	34.0	86.4 (LR)	17.	33.5	85.1 (XLL)

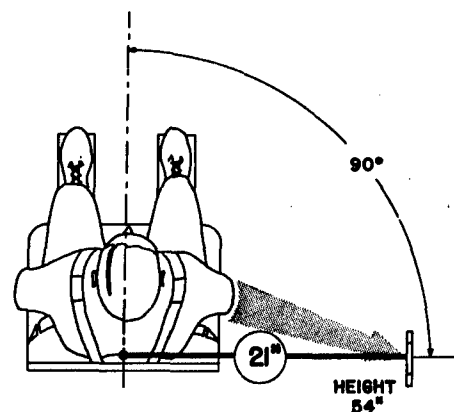
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

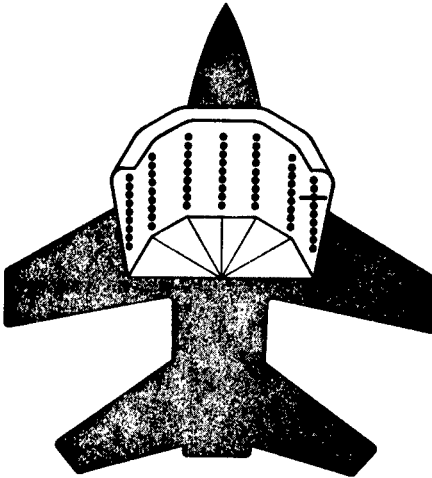
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 54" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1 (SS)	4.	28.5	72.4 (SL)	6.	26.0	66.0 (MR)	8.	27.0	68.6 (ML)
2.	26.5	67.3 (SR)	5.	26.5	67.3 (SL)	7.	21.5	54.6 (MS)	9.	33.0	83.8 (ML)
3.	28.0	71.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.5	72.4 (LR)	12.	32.5	82.6 (LL)	14.	31.0	78.7 (XLR)	16.	30.5	77.5 (XLL)
11.	25.0	63.5 (ML)	13.	32.0	81.3 (LL)	15.	29.0	73.7 (LR)	17.	33.0	83.8 (XLL)

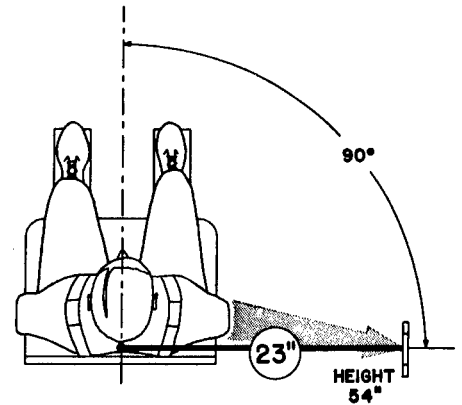
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

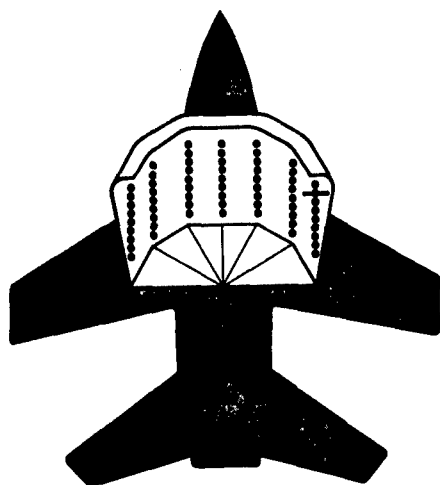
To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 54" above the deck the knob must be placed no further than 23" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	23.0	58.4 (SS)	4.	28.5	72.4 (SL)	6.	24.0	61.0 (MR)	8.	27.5	69.9 (ML)
2.	24.0	61.0 (SR)	5.	23.5	59.7 (SL)	7.	24.0	61.0 (MS)	9.	30.0	76.2 (ML)
3.	24.0	61.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	26.5	67.3 (LR)	12.	27.5	69.9 (LL)	14.	27.0	68.6 (XLR)	16.	26.0	66.0 (XLL)
11.	25.0	63.5 (ML)	13.	28.0	71.1 (LL)	15.	27.0	68.6 (LR)	17.	28.0	71.1 (XLL)

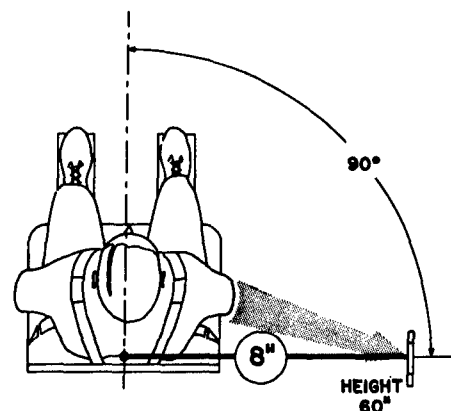
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 60" above the deck the knob must be placed no further than 8"* from XSRP.

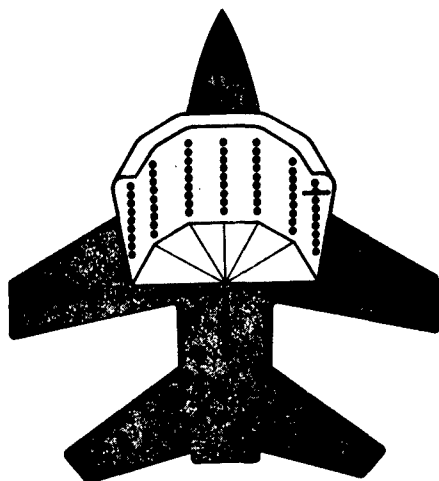
*Subjects #2 and 9 both exceeded 8" while restrained

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	14.5	36.8 (SS)	4.	16.0	40.6 (SL)	6.	13.0	33.0 (MR)	8.	19.0	48.3 (ML)
2.	6.5	16.5 (SR)	5.	13.0	33.0 (SL)	7.	6.5	16.5 (MS)	9.	22.5	57.2 (ML)
3.	14.5	36.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	17.0	43.2 (LR)	12.	22.0	55.9 (LL)	14.	16.0	40.6 (XLR)	16.	20.0	50.8 (XLL)
11.	—	— (ML)	13.	20.0	50.8 (LL)	15.	14.5	36.8 (LR)	17.	20.5	52.1 (XLL)

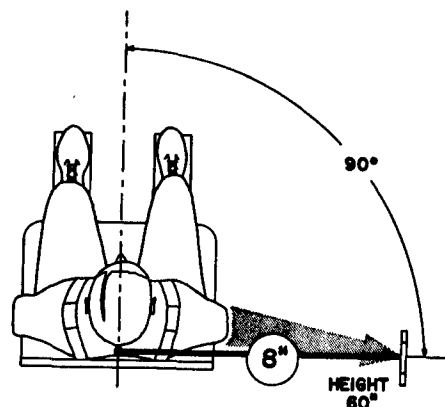
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 60" above the deck the knob must be placed no further than 8" from XSRP.

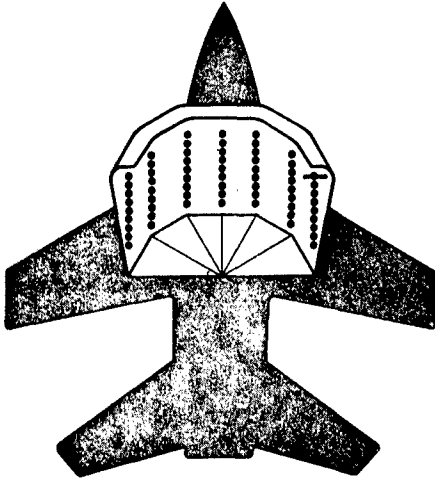
SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	16.0	40.6 (SS)	4.	19.0	48.3 (SL)	6.	8.0	20.3 (MR)	8.	19.0	48.3 (ML)
2.	8.5	21.6 (SR)	5.	13.5	34.3 (SL)	7.	9.5	24.1 (MS)	9.	22.0	55.9 (ML)
3.	13.5	34.3 (SR)									

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	15.0	38.1 (LR)	12.	18.0	45.7 (LL)	14.	18.0	45.7 (XLR)	16.	18.5	47.0 (XLL)
11.	—	— (ML)	13.	16.0	40.6 (LL)	15.	15.0	38.1 (LR)	17.	16.0	40.6 (XLL)

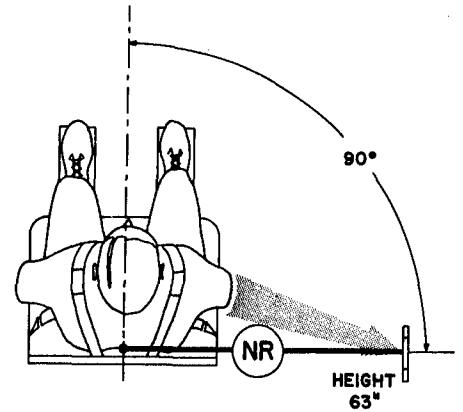
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT

90° to the
must be placed no

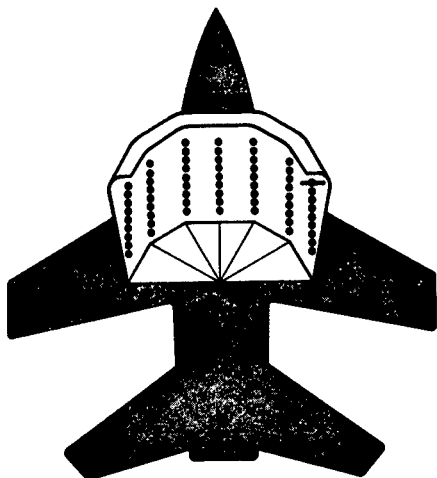
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	— (SS)	4.	9.0	22.9 (SL)	6.	—	— (MR)	8.	—	— (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	4.0	10.2 (LR)	12.	15.0	38.1 (LL)	14.	—	— (XLR)	16.	11.0	27.9 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	11.5	29.2 (XLL)

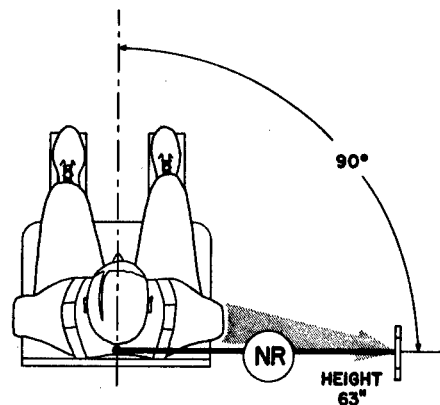
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
RIGHT

Seated 90° to the
Knob must be placed no

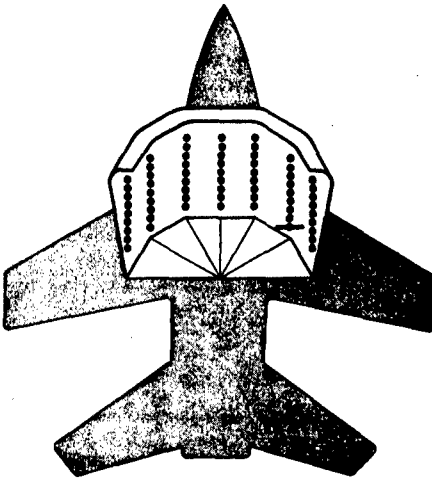
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	— (SS)	4.	—	— (SL)	6.	—	— (MR)	8.	12.5	31.8 (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	— (LR)	12.	12.5	31.8 (LL)	14.	—	— (XLR)	16.	6.0	15.2 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	1.0	2.54 (XLL)

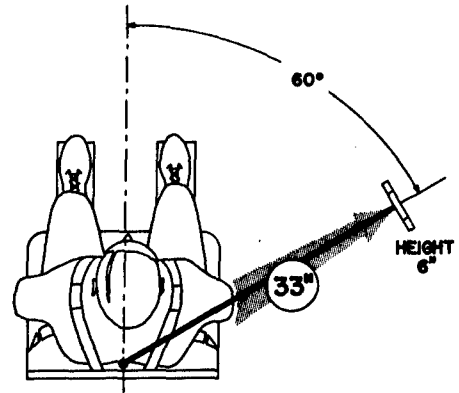
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

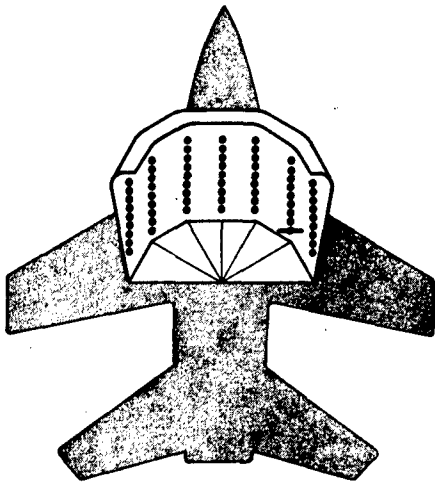
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	38.0	96.5 (SS)	4.	40.5	102.9 (SL)	6.	33.0	83.8 (MR)	8.	40.0	101.6 (ML)
2.	36.0	91.4 (SR)	5.	37.0	94.0 (SL)	7.	37.5	95.3 (MS)	9.	41.0	104.1 (ML)
3.	38.5	97.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	39.5	100.3 (LR)	12.	40.0	101.6 (LL)	14.	40.0	101.6 (XLR)	16.	43.0	109.2 (XLL)
11.	35.0	88.9 (ML)	13.	43.0	109.2 (LL)	15.	44.0	111.8 (LR)	17.	42.0	106.7 (XLL)

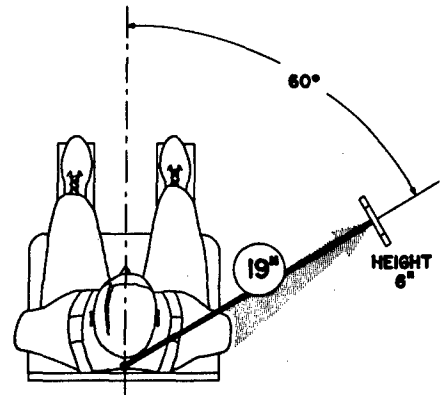
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

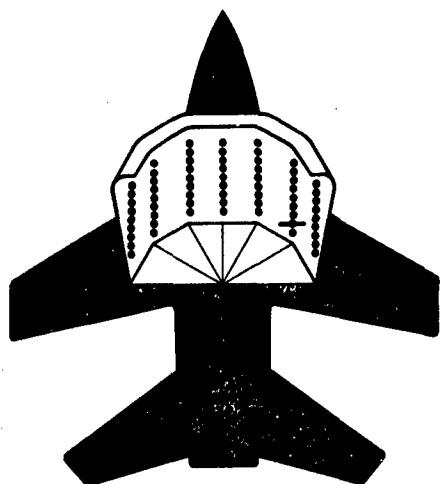
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 19" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	24.5	62.2 (SS)	4.	25.0	63.5 (SL)	6.	19.0	48.3 (MR)	8.	29.0	73.7 (ML)
2.	28.0	71.1 (SR)	5.	22.0	55.9 (SL)	7.	21.0	53.3 (MS)	9.	30.0	76.2 (ML)
3.	26.5	67.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.5	72.4 (LR)	12.	28.0	71.1 (LL)	14.	28.5	72.4 (XLR)	16.	31.0	78.7 (XLL)
11.	25.0	63.5 (ML)	13.	34.5	87.6 (LL)	15.	33.0	83.8 (LR)	17.	31.5	80.0 (XLL)

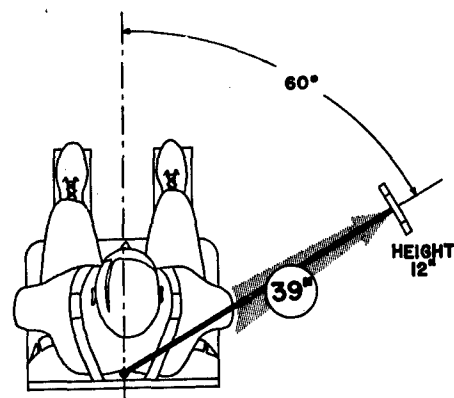
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

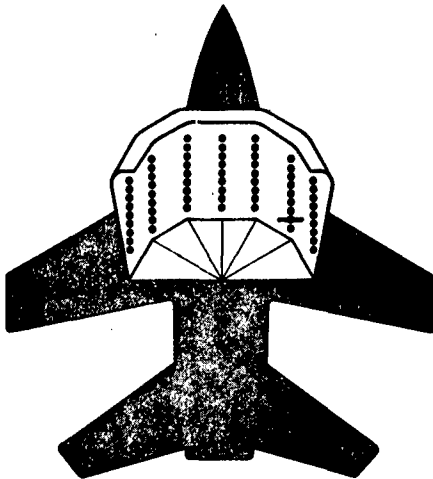
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 39" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.0	104.1 (SS)	4.	43.5	110.5 (SL)	6.	39.0	99.1 (MR)	8.	44.0	111.8 (ML)
2.	39.5	100.3 (SR)	5.	40.5	102.9 (SL)	7.	40.0	101.6 (MS)	9.	45.5	115.6 (ML)
3.	41.5	105.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	43.5	110.5 (LR)	12.	44.0	111.8 (LL)	14.	43.0	109.2 (XLR)	16.	46.0	116.8 (XLL)
11.	39.0	99.1 (ML)	13.	46.0	116.8 (LL)	15.	46.5	118.1 (LR)	17.	45.5	115.6 (XLL)

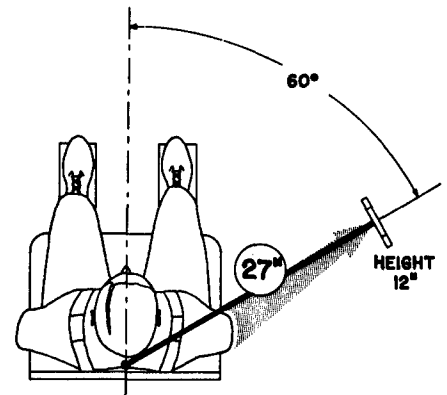
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

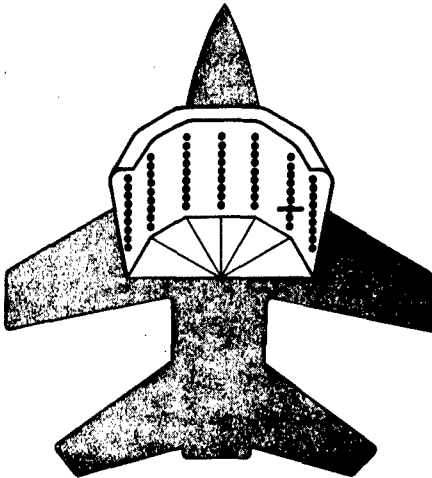
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2 (SS)	4.	34.0	86.4 (SL)	6.	28.5	72.4 (MR)	8.	33.5	85.1 (ML)
2.	32.0	81.3 (SR)	5.	29.0	73.7 (SL)	7.	27.0	68.6 (MS)	9.	35.0	88.9 (ML)
3.	32.0	81.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.0	83.8 (LR)	12.	32.5	82.6 (LL)	14.	33.5	85.1 (XLR)	16.	35.0	88.9 (XLL)
11.	30.5	77.5 (ML)	13.	37.0	94.0 (LL)	15.	37.0	94.0 (LR)	17.	36.0	91.4 (XLL)

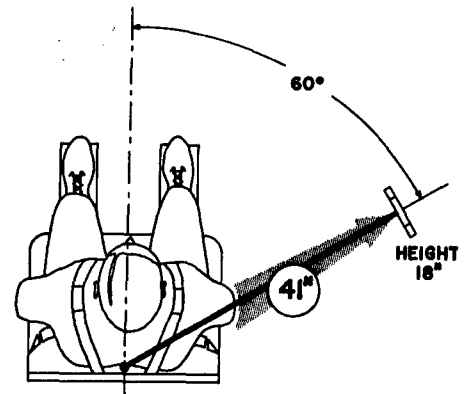
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

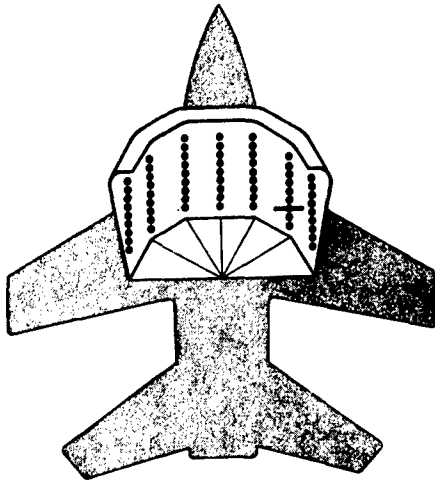
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 41" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2 (SS)	4.	45.0	114.3 (SL)	6.	42.5	108.0 (MR)	8.	45.0	114.3 (ML)
2.	42.0	106.7 (SR)	5.	43.0	109.2 (SL)	7.	42.5	108.0 (MS)	9.	47.0	119.4 (ML)
3.	42.5	108.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	45.0	114.3 (LR)	12.	46.5	118.1 (LL)	14.	45.0	114.3 (XLR)	16.	47.0	119.4 (XLL)
11.	41.5	105.4 (ML)	13.	47.5	120.7 (LL)	15.	47.0	119.4 (LR)	17.	47.5	120.7 (XLL)

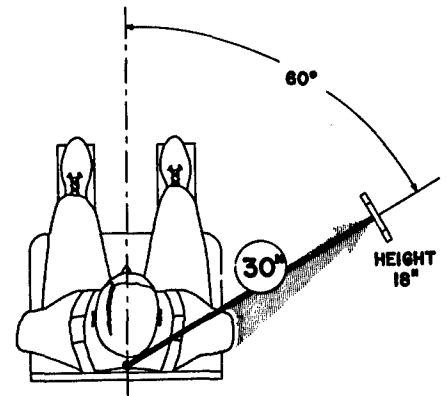
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

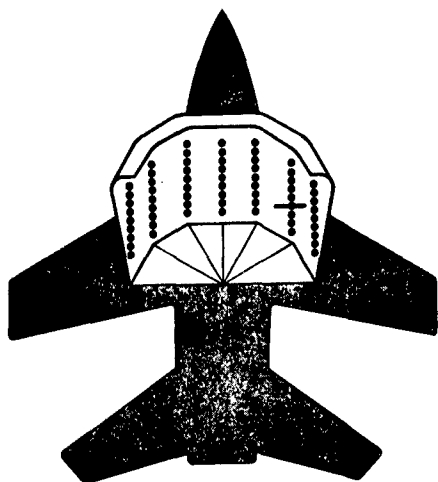
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.0	83.8 (SS)	4.	36.5	92.7 (SL)	6.	32.5	82.6 (MR)	8.	36.5	92.7 (ML)
2.	34.5	87.6 (SR)	5.	32.0	81.3 (SL)	7.	30.5	77.5 (MS)	9.	37.0	94.0 (ML)
3.	34.0	86.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.5	90.2 (LR)	12.	36.0	91.4 (LL)	14.	37.0	94.0 (XLR)	16.	38.0	96.5 (XLL)
11.	34.0	86.4 (ML)	13.	38.5	97.8 (LL)	15.	40.0	101.6 (LR)	17.	38.5	97.8 (XLL)

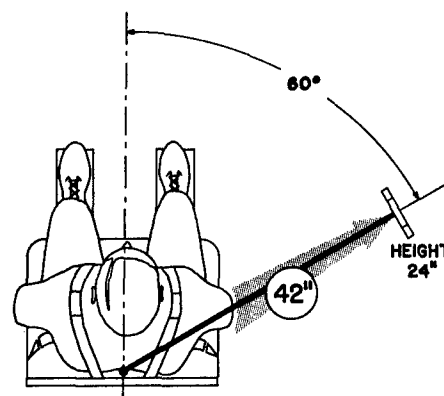
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

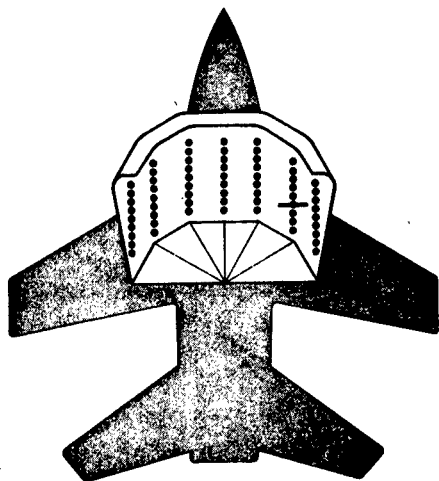
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 42" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	44.0	111.8 (SS)	4.	46.0	116.8 (SL)	6.	44.0	111.8 (MR)	8.	46.0	116.8 (ML)
2.	42.5	108.0 (SR)	5.	43.0	109.2 (SL)	7.	42.5	108.0 (MS)	9.	48.0	121.9 (ML)
3.	44.0	111.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	45.5	115.6 (LR)	12.	46.5	118.1 (LL)	14.	46.0	116.8 (XLR)	16.	48.0	121.9 (XLL)
11.	43.5	110.5 (ML)	13.	49.0	124.5 (LL)	15.	47.0	119.4 (LR)	17.	48.5	123.2 (XLL)

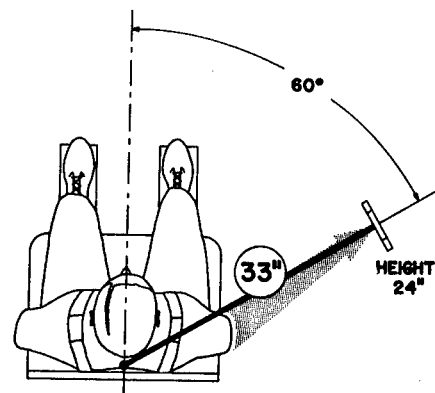
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

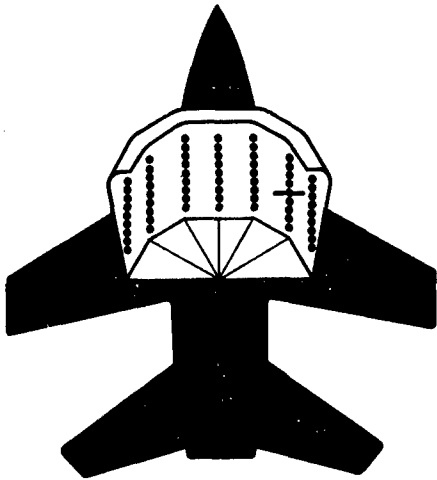
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4 (SS)	4.	38.0	96.5 (SL)	6.	33.5	85.1 (MR)	8.	38.0	96.5 (ML)
2.	36.0	91.4 (SR)	5.	34.0	86.4 (SL)	7.	33.0	83.8 (MS)	9.	39.0	99.1 (ML)
3.	36.5	92.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.0	94.0 (LR)	12.	37.5	95.3 (LL)	14.	38.0	96.5 (XLR)	16.	39.0	99.1 (XLL)
11.	36.0	91.4 (ML)	13.	38.5	97.8 (LL)	15.	41.0	104.1 (LR)	17.	40.0	101.6 (XLL)

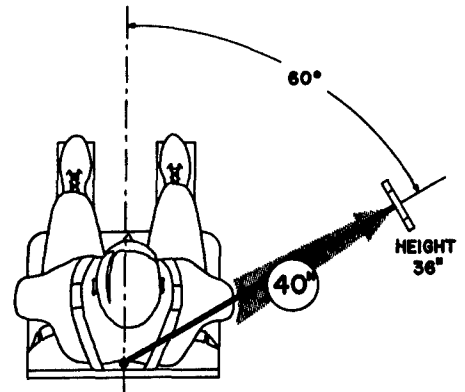
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 40" from XSRP.

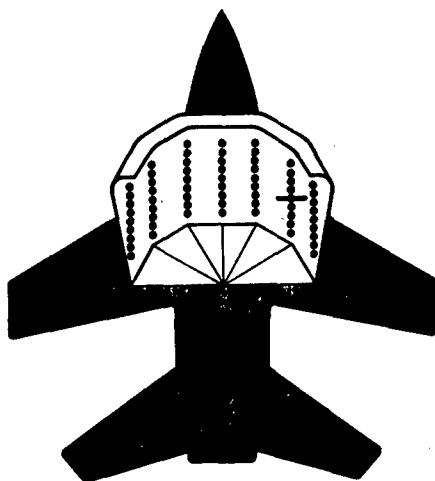
SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.5	105.4 (SS)	4.	45.0	114.3 (SL)	6.	41.0	104.1 (MR)	8.	43.5	110.5 (ML)
2.	40.0	101.6 (SR)	5.	42.0	106.7 (SL)	7.	41.0	104.1 (MS)	9.	38.0	96.5 (ML)
3.	42.0	106.7 (SR)									

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.5	108.0 (LR)	12.	46.5	118.1 (LL)	14.	44.5	113.0 (XLR)	16.	47.0	119.4 (XLL)
11.	40.5	102.9 (ML)	13.	45.5	115.6 (LL)	15.	44.5	113.0 (LR)	17.	46.0	116.8 (XLL)

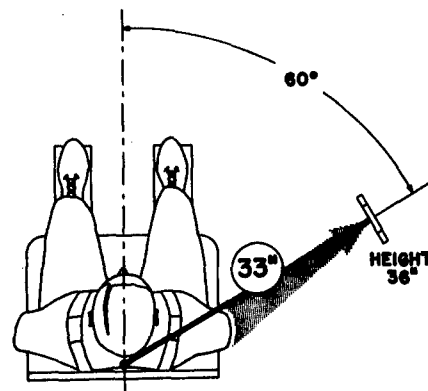
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

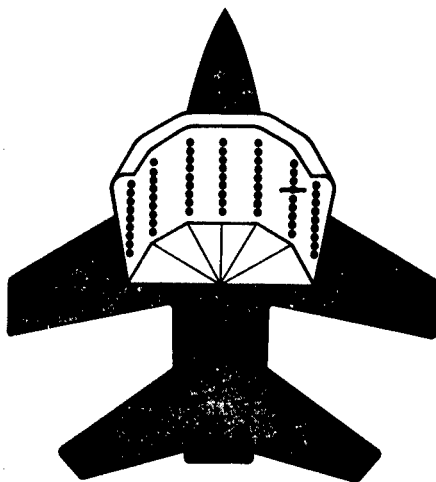
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.0	83.8 (SS)	4.	37.0	94.0 (SL)	6.	33.5	85.1 (MR)	8.	38.0	96.5 (ML)
2.	35.0	88.9 (SR)	5.	34.0	86.4 (SL)	7.	33.5	85.1 (MS)	9.	38.0	96.5 (ML)
3.	36.0	91.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.0	94.0 (LR)	12.	37.5	95.3 (LL)	14.	37.5	95.3 (XLR)	16.	38.5	97.8 (XLL)
11.	36.0	91.4 (ML)	13.	38.5	97.8 (LL)	15.	41.0	104.1 (LR)	17.	39.0	99.1 (XLL)

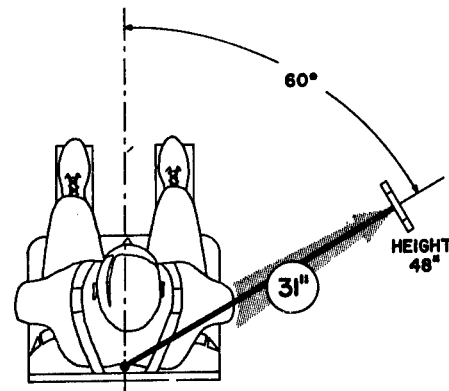
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

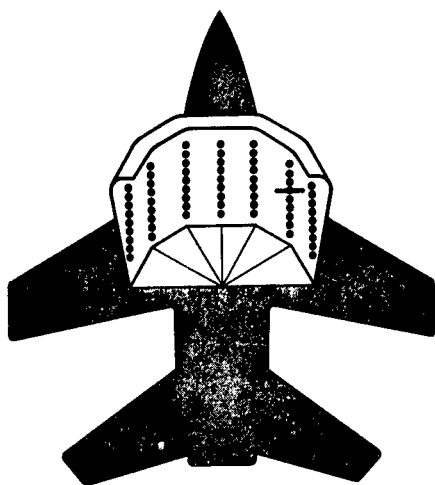
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.5	85.1 (SS)	4.	37.5	95.3 (SL)	6.	34.0	86.4 (MR)	8.	33.5	85.1 (ML)
2.	31.5	80.0 (SR)	5.	34.5	87.6 (SL)	7.	31.5	80.0 (MS)	9.	32.5	82.6 (ML)
3.	34.0	86.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.0	88.9 (LR)	12.	40.0	101.6 (LL)	14.	37.0	94.0 (XLR)	16.	37.5	95.3 (XLL)
11.	32.0	81.3 (ML)	13.	39.5	100.3 (LL)	15.	41.0	104.1 (LR)	17.	39.0	99.1 (XLL)

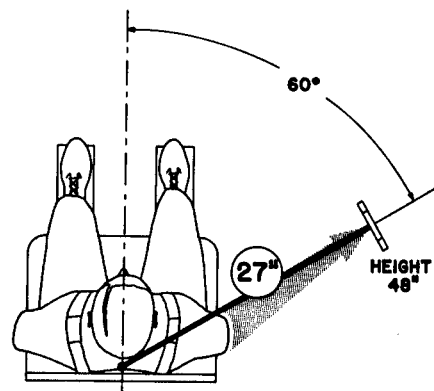
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

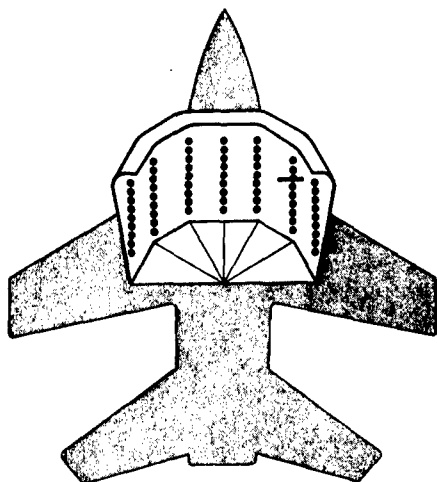
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1 (SS)	4.	31.0	78.7 (SL)	6.	27.5	69.9 (MR)	8.	30.5	77.5 (ML)
2.	28.0	71.1 (SR)	5.	27.5	69.9 (SL)	7.	28.5	72.4 (MS)	9.	33.0	83.8 (ML)
3.	29.0	73.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.0	81.3 (LR)	12.	32.0	81.3 (LL)	14.	32.0	81.3 (XLR)	16.	32.5	82.6 (XLL)
11.	31.0	78.7 (ML)	13.	30.5	77.5 (LL)	15.	33.5	85.1 (LR)	17.	33.0	83.8 (XLL)

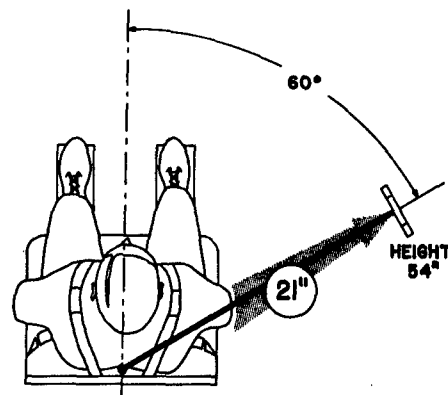
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

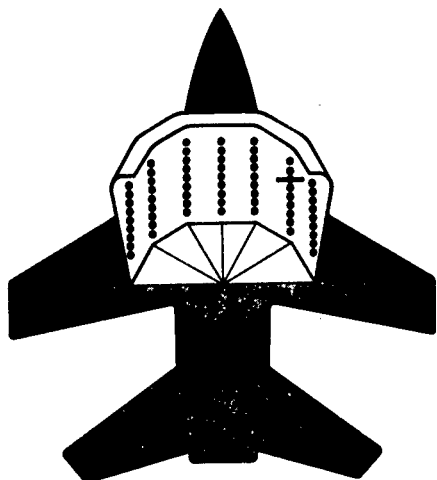
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 54" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.0	73.7 (SS)	4.	31.5	80.0 (SL)	6.	27.0	68.6 (MR)	8.	28.0	71.1 (ML)
2.	24.0	61.0 (SR)	5.	28.0	71.1 (SL)	7.	21.5	54.6 (MS)	9.	30.5	77.5 (ML)
3.	28.0	71.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.5	72.4 (LR)	12.	34.0	86.4 (LL)	14.	29.0	73.7 (XLR)	16.	30.5	77.5 (XLL)
11.	24.0	61.0 (ML)	13.	31.5	80.0 (LL)	15.	29.5	74.9 (LR)	17.	31.5	80.0 (XLL)

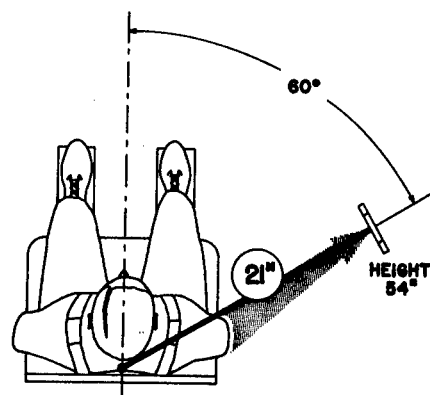
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

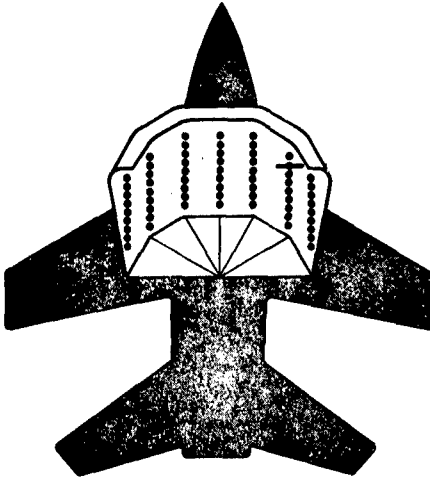
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 54" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	21.0	53.3 (SS)	4.	25.5	64.8 (SL)	6.	22.5	57.2 (MR)	8.	26.5	67.3 (ML)
2.	22.0	55.9 (SR)	5.	23.0	58.4 (SL)	7.	23.0	58.4 (MS)	9.	28.0	71.1 (ML)
3.	25.0	63.5 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	24.0	61.0 (LR)	12.	28.0	71.1 (LL)	14.	26.5	67.3 (XLR)	16.	27.0	68.6 (XLL)
11.	24.5	62.2 (ML)	13.	25.0	63.5 (LL)	15.	25.5	64.8 (LR)	17.	27.5	69.9 (XLL)

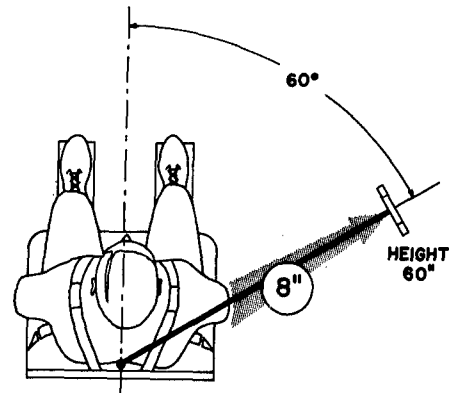
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

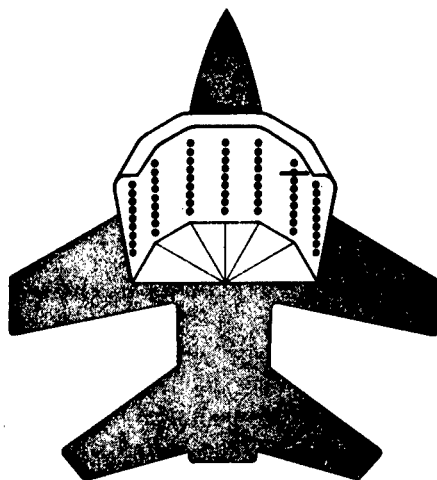
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 60" above the deck the knob must be placed no further than 8" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	19.0	48.3 (SS)	4.	21.5	54.6 (SL)	6.	17.0	43.2 (MR)	8.	17.5	44.5 (ML)
2.	9.0	22.9 (SR)	5.	15.0	38.1 (SL)	7.	8.5	21.6 (MS)	9.	21.5	54.6 (ML)
3.	14.0	35.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	16.5	41.9 (LR)	12.	24.5	62.2 (LL)	14.	19.0	48.3 (XLR)	16.	20.5	52.1 (XLL)
11.	—	— (ML)	13.	19.0	48.3 (LL)	15.	18.0	45.7 (LR)	17.	24.0	61.0 (XLL)

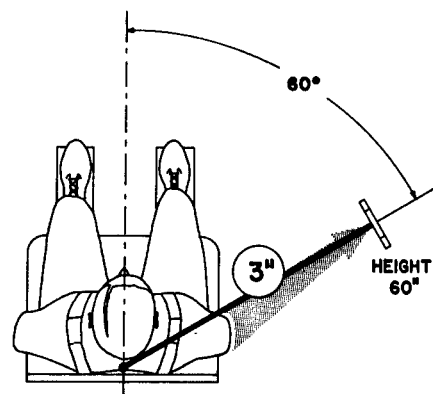
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

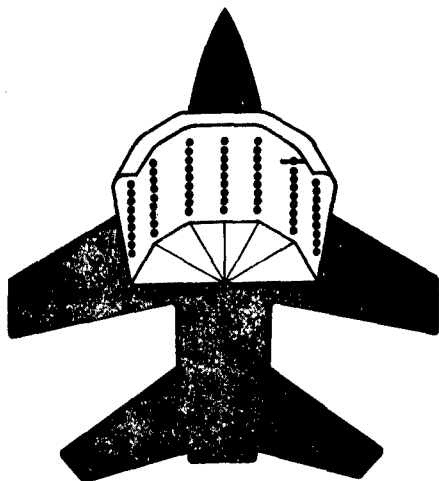
To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 60" above the deck the knob must be placed no further than 3" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	15.5	39.4 (SS)	4.	16.0	40.6 (SL)	6.	3.0	7.6 (MR)	8.	17.0	43.2 (ML)
2.	6.0	15.2 (SR)	5.	8.5	21.6 (SL)	7.	10.5	26.7 (MS)	9.	20.5	52.1 (ML)
3.	13.5	34.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	15.5	39.4 (LR)	12.	18.0	45.7 (LL)	14.	12.5	31.8 (XLR)	16.	16.5	41.9 (XLL)
11.	—	— (ML)	13.	17.0	43.2 (LL)	15.	14.5	36.8 (LR)	17.	16.5	41.9 (XLL)

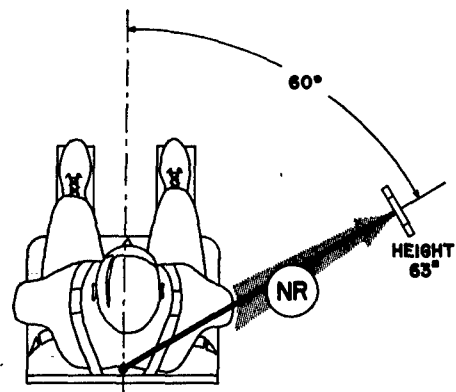
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

60° to the
must be placed no

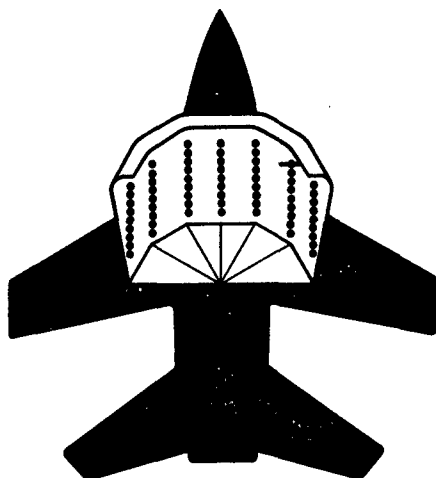
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	(SS)	4.	8.5	21.6	(SL)	6.	—	—	(MR)
2.	—	—	(SR)	5.	—	—	(SL)	7.	—	—	(MS)
3.	—	—	(SR)					8.	—	—	(ML)
								9.	—	—	(ML)
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	(LR)	12.	16.0	40.6	(LL)	14.	—	—	(XLR)
11.	—	—	(ML)	13.	—	—	(LL)	15.	—	—	(LR)
								16.	12.0	30.5	(XLL)
								17.	15.5	39.4	(XLL)

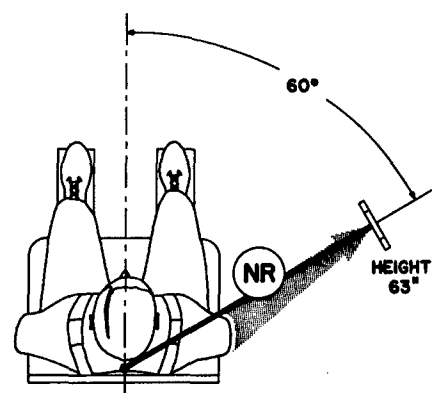
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate ...
RIGHT ...
f

NOT RECOMMENDED

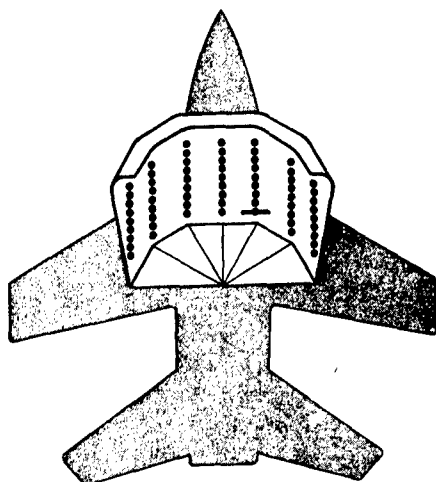
... 60° to the ...
... must be placed no

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	— (SS)	4.	—	— (SL)	6.	—	— (MR)	8.	13.5	34.3 (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	— (LR)	12.	12.0	30.5 (LL)	14.	—	— (XLR)	16.	8.0	20.3 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	—	— (XLL)

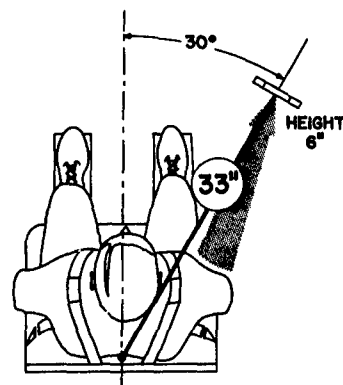
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

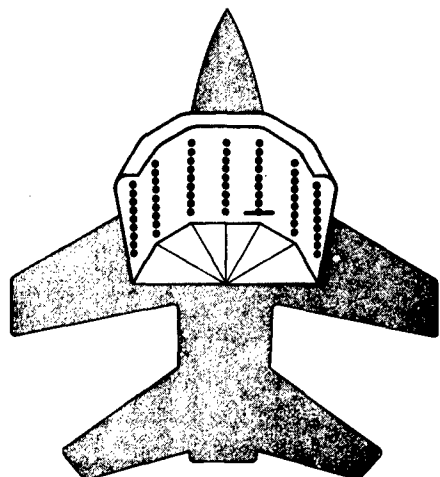
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	36.0	91.4 (SS)	4.	40.0	101.6 (SL)	6.	35.5	90.2 (MR)	8.	37.0	94.0 (ML)
2.	33.5	85.1 (SR)	5.	36.0	91.4 (SL)	7.	35.0	88.9 (MS)	9.	39.0	99.1 (ML)
3.	41.0	104.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	38.5	97.8 (LR)	12.	39.0	99.1 (LL)	14.	37.0	94.0 (XLR)	16.	39.5	100.3 (XLL)
11.	33.0	83.8 (ML)	13.	39.0	99.1 (LL)	15.	41.0	104.1 (LR)	17.	41.0	104.1 (XLL)

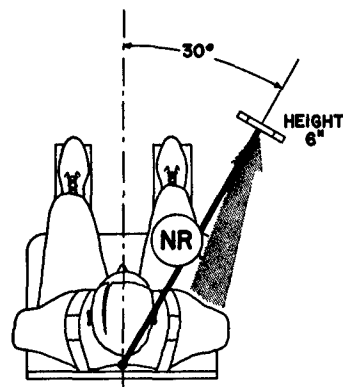
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

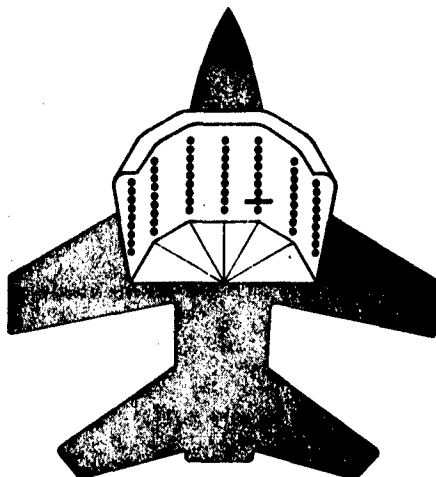
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than — from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	20.0	50.8 (SS)	4.	27.0	68.6 (SL)	6.	—	— (MR)	8.	27.0	68.6 (ML)
2.	22.5	57.2 (SR)	5.	21.0	53.3 (SL)	7.	—	— (MS)	9.	27.5	69.9 (ML)
3.	24.0	61.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	25.0	63.5 (LR)	12.	26.0	66.0 (LL)	14.	24.5	62.2 (XLR)	16.	28.0	71.1 (XLL)
11.	21.5	54.6 (ML)	13.	27.5	69.9 (LL)	15.	30.0	76.2 (LR)	17.	27.5	69.9 (XLL)

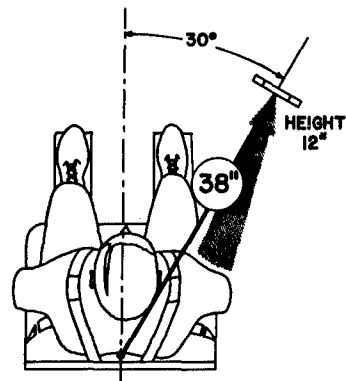
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 38" from XSRP.

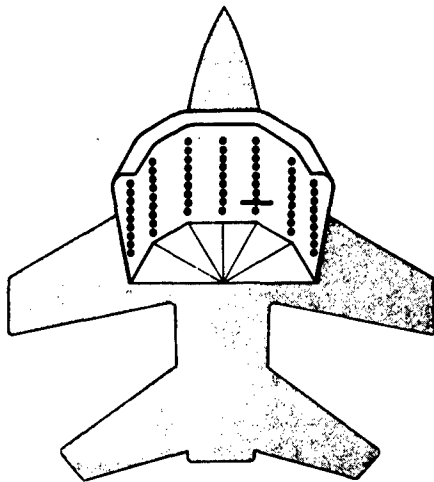
SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1 (SS)	4.	42.5	108.0 (SL)	6.	39.5	100.3 (MR)	8.	41.0	104.1 (ML)
2.	38.0	96.5 (SR)	5.	39.0	99.1 (SL)	7.	38.5	97.8 (MS)	9.	42.5	108.0 (ML)
3.	39.0	99.1 (SR)									

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.0	106.7 (LR)	12.	42.5	108.0 (LL)	14.	42.0	106.7 (XLR)	16.	42.5	108.0 (XLL)
11.	38.0	96.5 (ML)	13.	43.0	109.2 (LL)	15.	44.0	111.8 (LR)	17.	44.5	113.0 (XLL)

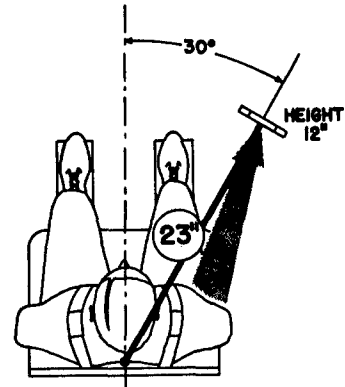
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

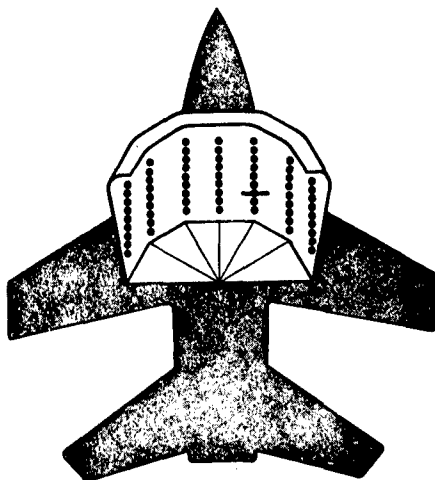
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 23" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	26.5	67.3 (SS)	4.	32.0	81.3 (SL)	6.	23.0	58.4 (MR)	8.	32.0	81.3 (ML)
2.	28.0	71.1 (SR)	5.	26.5	67.3 (SL)	7.	23.5	59.7 (MS)	9.	31.0	78.7 (ML)
3.	30.5	77.5 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	30.5	77.5 (LR)	12.	31.0	78.7 (LL)	14.	30.0	76.2 (XLR)	16.	33.0	83.8 (XLL)
11.	28.0	71.1 (ML)	13.	31.5	80.0 (LL)	15.	34.0	86.4 (LR)	17.	33.0	83.8 (XLL)

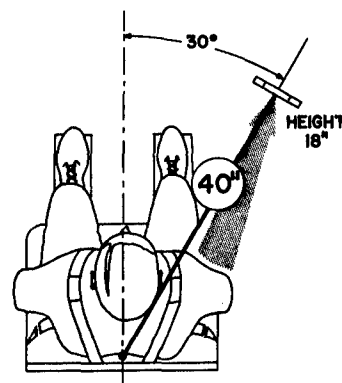
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

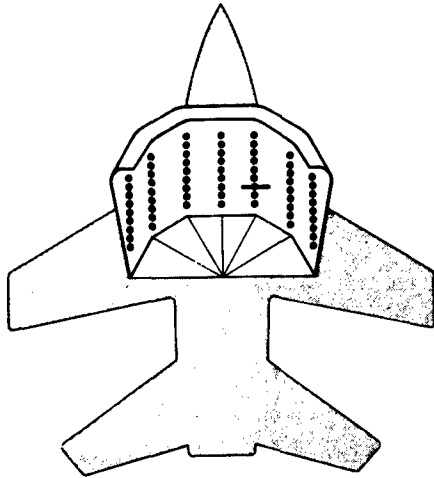
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 40" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.5	105.4 (SS)	4.	44.5	113.0 (SL)	6.	43.0	109.2 (MR)	8.	43.0	109.2 (ML)
2.	40.0	101.6 (SR)	5.	41.5	105.4 (SL)	7.	40.5	102.9 (MS)	9.	45.0	114.3 (ML)
3.	41.5	105.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	44.5	113.0 (LR)	12.	45.0	114.3 (LL)	14.	44.5	113.0 (XLR)	16.	44.5	113.0 (XLL)
11.	41.5	105.4 (ML)	13.	45.0	114.3 (LL)	15.	45.5	115.6 (LR)	17.	46.0	116.8 (XLL)

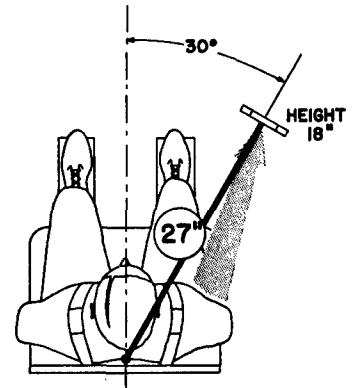
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

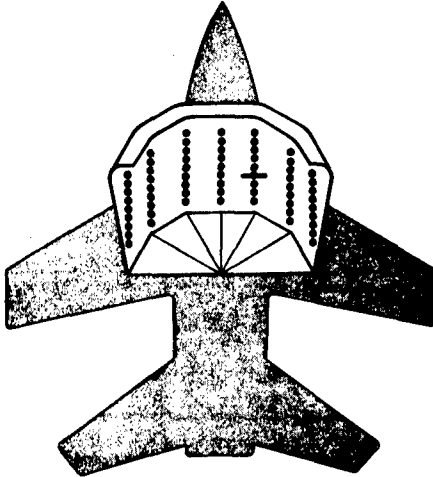
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2 (SS)	4.	34.5	87.6 (SL)	6.	29.5	74.9 (MR)	8.	34.5	87.6 (ML)
2.	31.0	78.7 (SR)	5.	30.0	76.2 (SL)	7.	27.5	69.9 (MS)	9.	34.0	86.4 (ML)
3.	33.5	85.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4 (LR)	12.	34.0	86.4 (LL)	14.	34.0	86.4 (XLR)	16.	35.0	88.9 (XLL)
11.	31.5	80.0 (ML)	13.	35.0	88.9 (LL)	15.	37.0	94.0 (LR)	17.	35.5	90.2 (XLL)

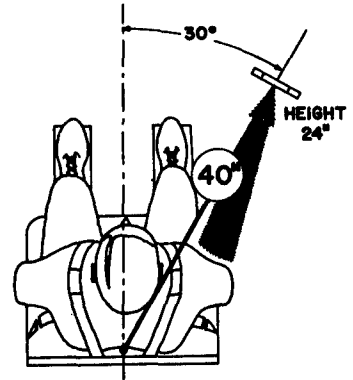
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

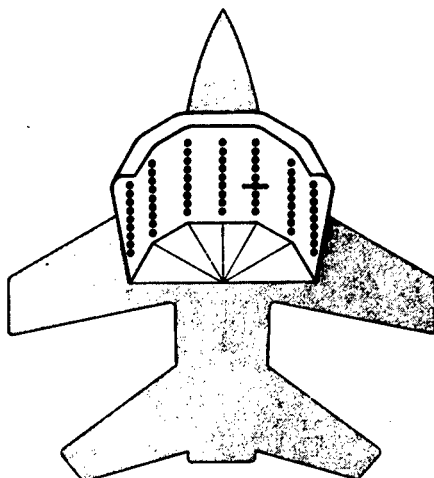
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 40" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.0	106.7 (SS)	4.	45.0	114.3 (SL)	6.	43.0	109.2 (MR)	8.	44.0	111.8 (ML)
2.	41.0	104.1 (SR)	5.	43.0	109.2 (SL)	7.	40.5	102.9 (MS)	9.	45.5	115.6 (ML)
3.	42.0	106.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	45.0	114.3 (LR)	12.	46.0	116.8 (LL)	14.	45.0	114.3 (XLR)	16.	45.5	115.6 (XLL)
11.	42.0	106.7 (ML)	13.	46.0	116.8 (LL)	15.	46.0	116.8 (LR)	17.	47.0	119.4 (XLL)

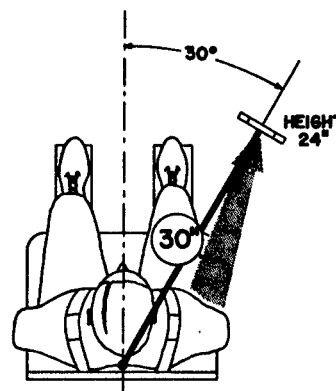
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

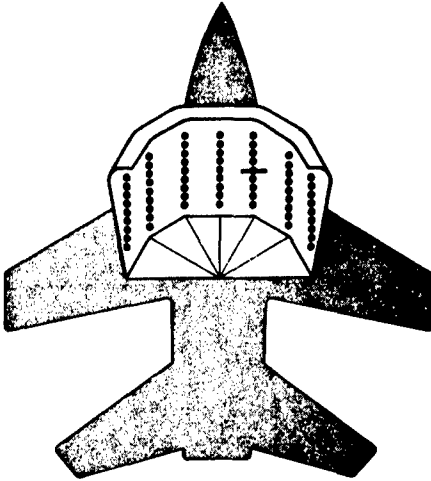
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7 (SS)	4.	36.0	91.4 (SL)	6.	31.0	78.7 (MR)	8.	35.5	90.2 (ML)
2.	32.5	82.6 (SR)	5.	32.0	81.3 (SL)	7.	30.0	76.2 (MS)	9.	36.0	91.4 (ML)
3.	34.5	87.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.5	90.2 (LR)	12.	35.5	90.2 (LL)	14.	35.5	90.2 (XLR)	16.	36.5	92.7 (XLL)
11.	33.5	85.1 (ML)	13.	36.0	91.4 (LL)	15.	37.0	94.0 (LR)	17.	36.5	92.7 (XLL)

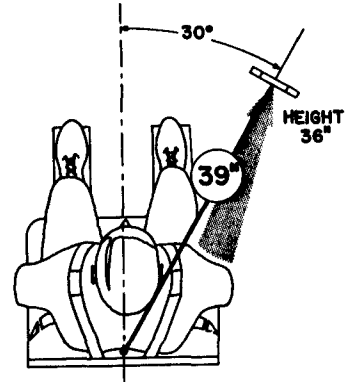
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

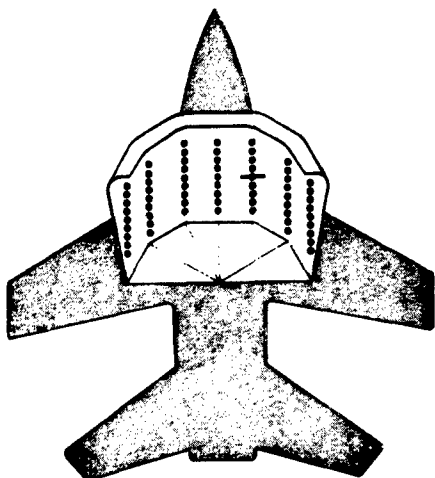
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 39" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1 (SS)	4.	43.5	110.5 (SL)	6.	41.0	104.1 (MR)	8.	41.5	105.4 (ML)
2.	40.0	101.6 (SR)	5.	41.5	105.4 (SL)	7.	40.0	101.6 (MS)	9.	45.0	114.3 (ML)
3.	41.5	105.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.0	106.7 (LR)	12.	45.5	115.6 (LL)	14.	43.5	110.5 (XLR)	16.	44.0	111.8 (XLL)
11.	40.0	101.6 (ML)	13.	44.5	113.0 (LL)	15.	42.5	108.0 (LR)	17.	44.0	111.8 (XLL)

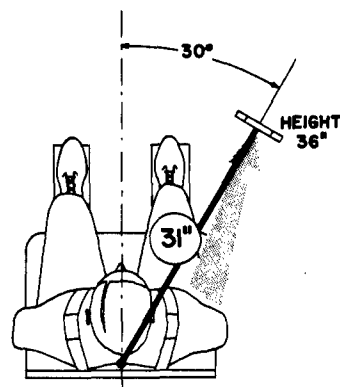
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

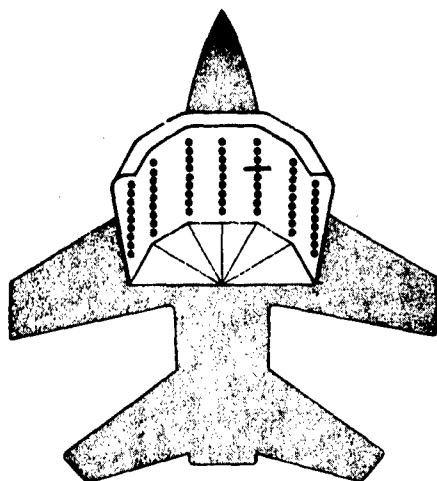
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3 (SS)	4.	35.0	88.9 (SL)	6.	31.5	80.0 (MR)	8.	35.5	90.2 (ML)
2.	32.0	81.3 (SR)	5.	32.0	81.3 (SL)	7.	31.0	78.7 (MS)	9.	35.5	90.2 (ML)
3.	34.5	87.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.5	90.2 (LR)	12.	35.5	90.2 (LL)	14.	35.5	90.2 (XLR)	16.	36.0	91.4 (XLL)
11.	33.5	85.1 (ML)	13.	35.0	88.9 (LL)	15.	37.0	94.0 (LR)	17.	36.0	91.4 (XLL)

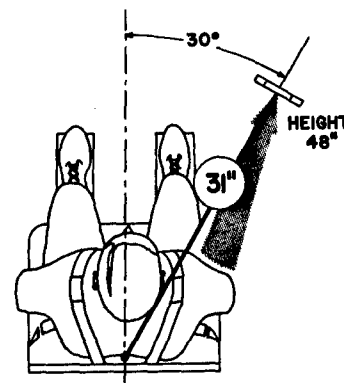
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

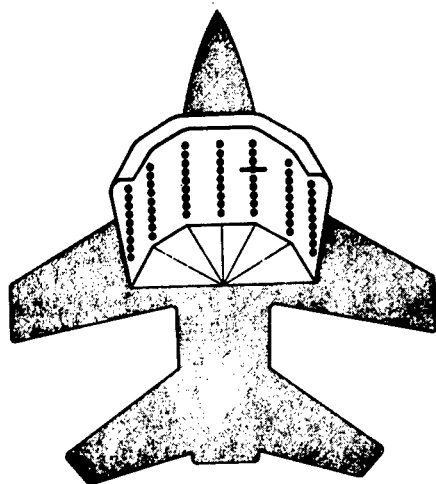
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4 (SS)	4.	37.0	94.0 (SL)	6.	33.5	85.1 (MR)	8.	35.0	88.9 (ML)
2.	31.5	80.0 (SR)	5.	36.0	91.4 (SL)	7.	31.5	80.0 (MS)	9.	36.0	91.4 (ML)
3.	34.5	87.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.0	88.9 (LR)	12.	39.0	99.1 (LL)	14.	36.0	91.4 (XLR)	16.	37.0	94.0 (XLL)
11.	32.0	81.3 (ML)	13.	37.5	95.3 (LL)	15.	35.0	88.9 (LR)	17.	39.0	99.1 (XLL)

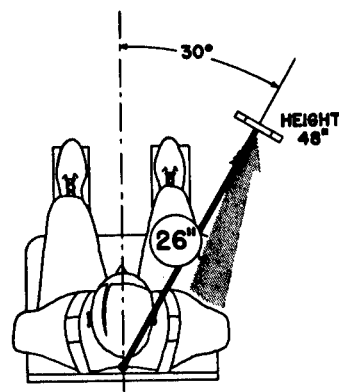
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

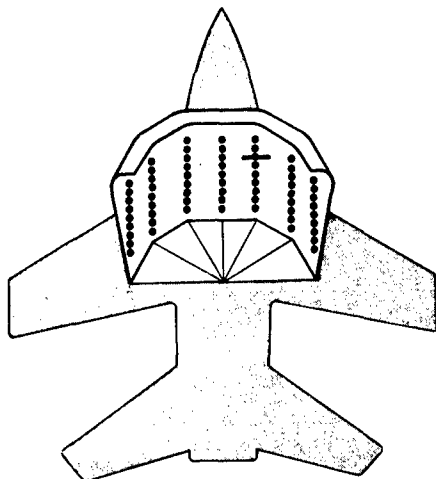
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 26" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	26.0	66.0 (SS)	4.	30.0	76.2 (SL)	6.	26.0	66.0 (MR)	8.	29.5	74.9 (ML)
2.	26.5	67.3 (SR)	5.	26.0	66.0 (SL)	7.	27.0	68.6 (MS)	9.	29.5	74.9 (ML)
3.	28.5	72.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7 (LR)	12.	30.5	77.5 (LL)	14.	29.5	74.9 (XLR)	16.	30.5	77.5 (XLL)
11.	27.0	68.6 (ML)	13.	28.0	71.1 (LL)	15.	30.0	76.2 (LR)	17.	31.0	78.7 (XLL)

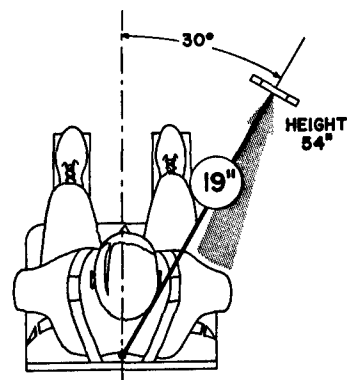
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

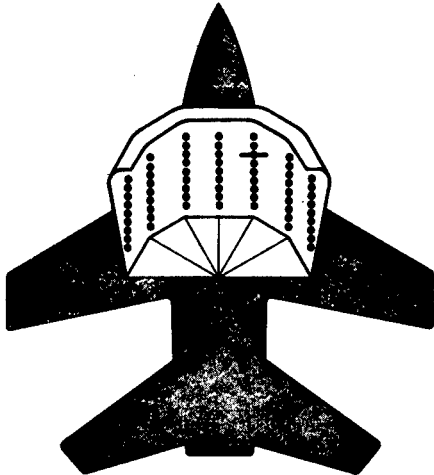
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 54" above the deck the knob must be placed no further than 19" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	19.5	49.5 (SS)	4.	31.0	78.7 (SL)	6.	27.5	69.9 (MR)	8.	30.0	76.2 (ML)
2.	25.5	64.8 (SR)	5.	28.0	71.1 (SL)	7.	26.0	66.0 (MS)	9.	31.5	80.0 (ML)
3.	28.0	71.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.5	69.9 (LR)	12.	31.5	80.0 (LL)	14.	29.0	73.7 (XLR)	16.	31.5	80.0 (XLL)
11.	25.5	64.8 (ML)	13.	31.0	78.7 (LL)	15.	28.0	71.1 (LR)	17.	32.0	81.3 (XLL)

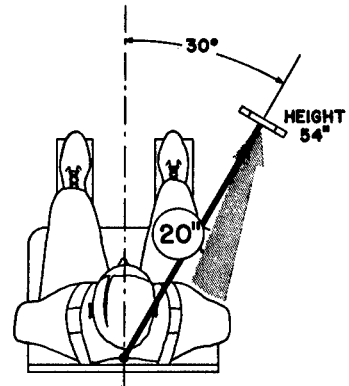
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

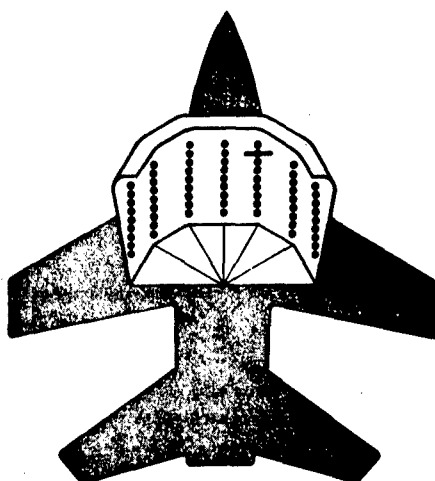
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 54" above the deck the knob must be placed no further than 20" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	22.0	55.9 (SS)	4.	24.5	62.2 (SL)	6.	21.5	54.6 (MR)	8.	23.5	59.7 (ML)
2.	20.0	50.8 (SR)	5.	20.0	50.8 (SL)	7.	21.0	53.3 (MS)	9.	26.0	66.0 (ML)
3.	21.0	53.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	25.0	63.5 (LR)	12.	26.0	66.0 (LL)	14.	23.5	59.7 (XLR)	16.	25.0	63.5 (XLL)
11.	22.5	57.2 (ML)	13.	24.0	61.0 (LL)	15.	22.5	57.2 (LR)	17.	26.0	66.0 (XLL)

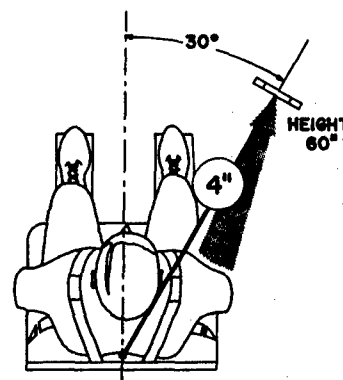
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

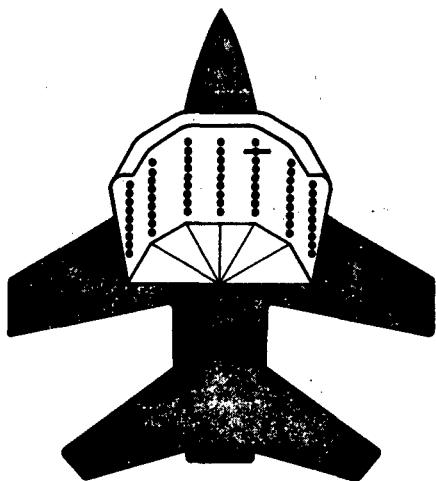
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 60" above the deck the knob must be placed no further than 4" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	16.0	40.6 (SS)	4.	21.5	54.6 (SL)	6.	11.0	27.9 (MR)	8.	18.5	47.0 (ML)
2.	9.5	24.1 (SR)	5.	8.5	21.6 (SL)	7.	4.0	10.2 (MS)	9.	20.5	52.1 (ML)
3.	14.5	36.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	20.0	50.8 (LR)	12.	23.0	58.4 (LL)	14.	16.0	40.6 (XLR)	16.	19.5	49.5 (XLL)
11.	—	— (ML)	13.	21.0	53.3 (LL)	15.	18.0	45.7 (LR)	17.	20.0	50.8 (XLL)

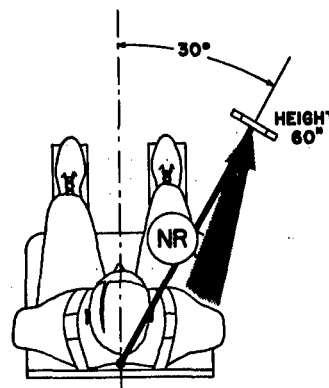
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

ed 30° to the
must be placed no

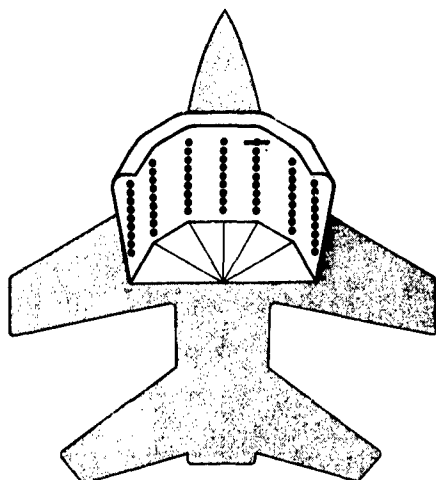
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	14.0	35.6 (SS)	4.	17.0	43.2 (SL)	6.	9.5	24.1 (MR)	8.	16.5	41.9 (ML)
2.	6.0	15.2 (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	15.0	38.1 (ML)
3.	13.5	34.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	14.5	36.8 (LR)	12.	18.5	47.0 (LL)	14.	14.0	35.6 (XLR)	16.	18.0	45.7 (XLL)
11.	—	— (ML)	13.	17.0	43.2 (LL)	15.	7.5	19.1 (LR)	17.	15.0	38.1 (XLL)

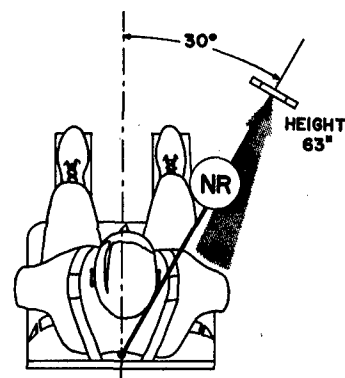
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT HAND
f

NOT RECOMMENDED

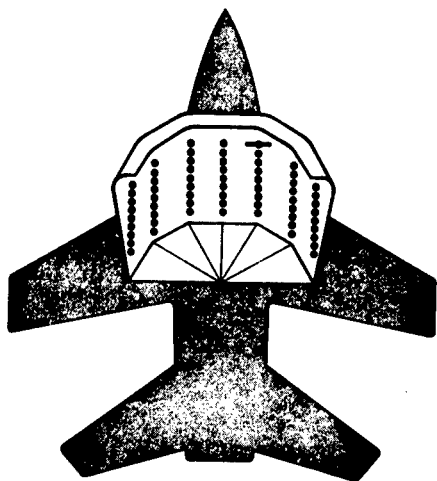
oved 30° to the
must be placed no

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	8.5	21.6 (SL)	6.	—	— (MR)	8.	—	— (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	9.5	24.1 (LR)	12.	18.0	45.7 (LL)	14.	—	— (XLR)	16.	12.0	30.5 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	11.0	27.9 (XLL)

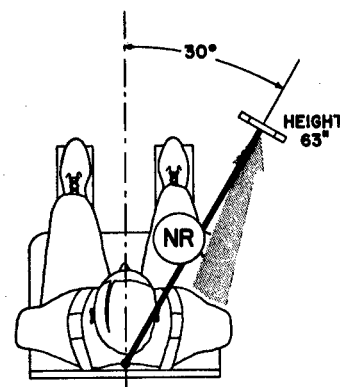
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT HAND
f

Seated 30° to the
Knob must be placed no

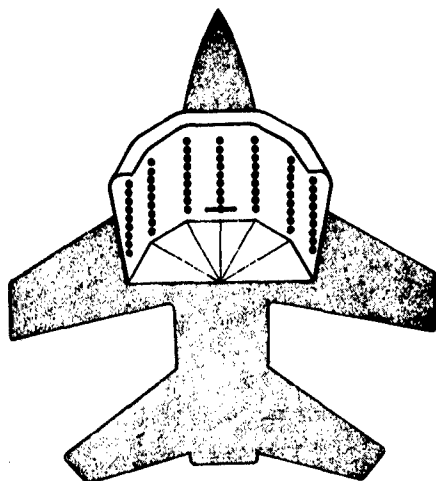
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	(SS)	4.	—	—	(SL)	6.	—	—	(MR)
2.	—	—	(SR)	5.	—	—	(SL)	7.	—	—	(MS)
3.	—	—	(SR)					8.	12.5	31.8	(ML)
								9.	—	—	(ML)
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	(LR)	12.	12.5	31.8	(LL)	14.	—	—	(XLR)
11.	—	—	(ML)	13.	—	—	(LL)	15.	—	—	(LR)
								16.	6.0	15.2	(XLL)
								17.	—	—	(XLL)

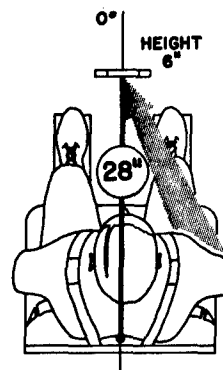
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

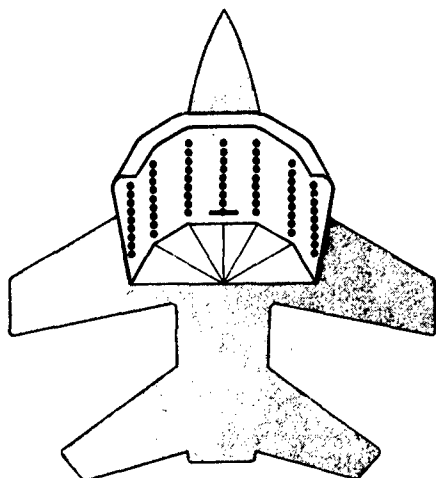
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 6" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.0	83.8 (SS)	4.	39.0	99.1 (SL)	6.	33.0	83.8 (MR)	8.	36.0	91.4 (ML)
2.	32.5	82.6 (SR)	5.	33.5	85.1 (SL)	7.	30.0	76.2 (MS)	9.	34.0	86.4 (ML)
3.	35.0	88.9 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	36.0	91.4 (LR)	12.	35.5	90.2 (LL)	14.	34.0	86.4 (XLR)	16.	36.5	92.7 (XLL)
11.	28.0	71.1 (ML)	13.	37.5	95.3 (LL)	15.	37.0	94.0 (LR)	17.	37.5	95.3 (XLL)

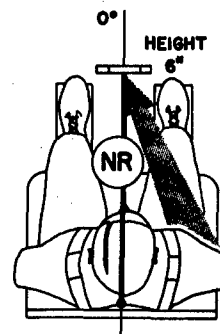
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 6"
f

NOT RECOMMENDED

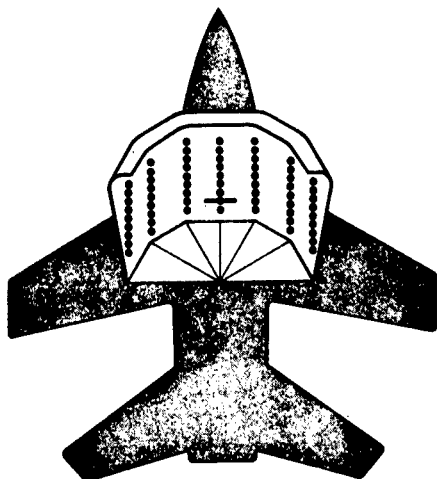
Centerline
no further than —

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	24.5	62.2 (SL)	6.	—	— (MR)	8.	21.5	54.6 (ML)
2.	18.5	47.0 (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	22.5	57.2 (ML)
3.	21.5	54.6 (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	22.5	57.2 (LR)	12.	22.5	57.2 (LL)	14.	21.5	54.6 (XLR)	16.	24.0	61.0 (XLL)
11.	—	— (ML)	13.	25.0	63.5 (LL)	15.	24.5	62.2 (LR)	17.	26.0	66.0 (XLL)

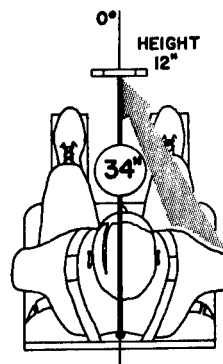
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

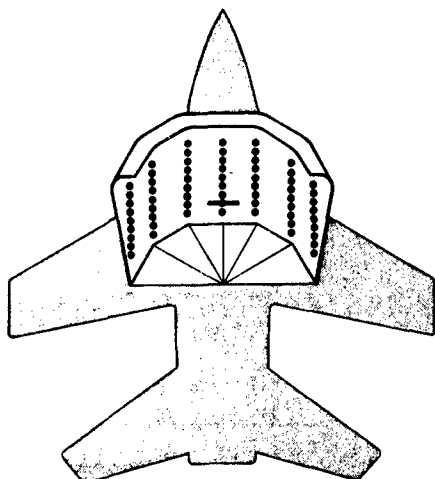
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 12" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	37.0	94.0 (SS)	4.	41.0	104.1 (SL)	6.	37.0	94.0 (MR)	8.	40.0	101.6 (ML)
2.	37.0	94.0 (SR)	5.	38.0	96.5 (SL)	7.	35.5	90.2 (MS)	9.	40.0	101.6 (ML)
3.	39.0	99.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	39.0	99.1 (LR)	12.	40.0	101.6 (LL)	14.	39.0	99.1 (XLR)	16.	41.5	105.4 (XLL)
11.	34.0	86.4 (ML)	13.	40.0	101.6 (LL)	15.	40.5	102.9 (LR)	17.	42.0	106.7 (XLL)

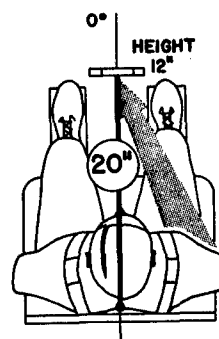
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

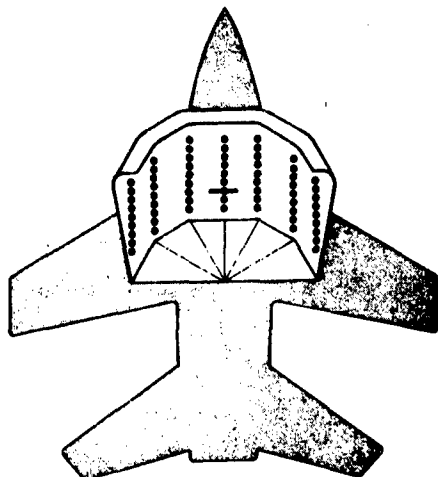
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 12" above the deck the knob must be placed no further than 20" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	23.5	59.7 (SS)	4.	29.0	73.7 (SL)	6.	20.0	50.8 (MR)	8.	27.0	68.6 (ML)
2.	25.0	63.5 (SR)	5.	24.0	61.0 (SL)	7.	20.0	50.8 (MS)	9.	27.5	69.9 (ML)
3.	28.0	71.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.0	71.1 (LR)	12.	27.0	68.6 (LL)	14.	28.0	71.1 (XLR)	16.	29.5	74.9 (XLL)
11.	23.5	59.7 (ML)	13.	29.0	73.7 (LL)	15.	30.0	76.2 (LR)	17.	31.0	78.7 (XLL)

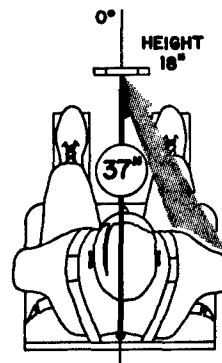
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

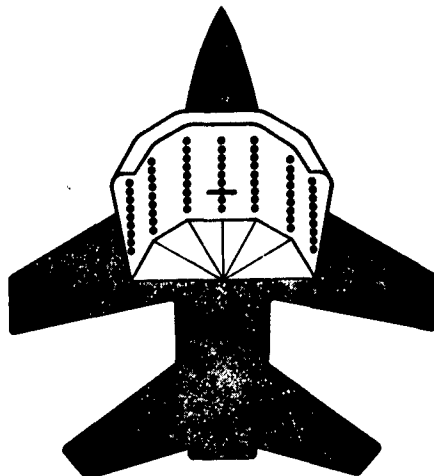
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 18" above the deck the knob must be placed no further than 37" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	40.0	101.6 (SS)	4.	43.0	109.2 (SL)	6.	40.0	101.6 (MR)	8.	42.5	108.0 (ML)
2.	40.0	101.6 (SR)	5.	40.0	101.6 (SL)	7.	38.0	96.5 (MS)	9.	41.5	105.4 (ML)
3.	41.0	104.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.0	106.7 (LR)	12.	42.5	108.0 (LL)	14.	41.5	105.4 (XLR)	16.	43.0	109.2 (XLL)
11.	37.0	94.0 (ML)	13.	42.5	108.0 (LL)	15.	42.5	108.0 (LR)	17.	44.0	111.8 (XLL)

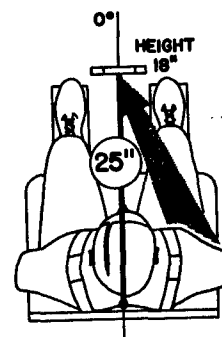
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

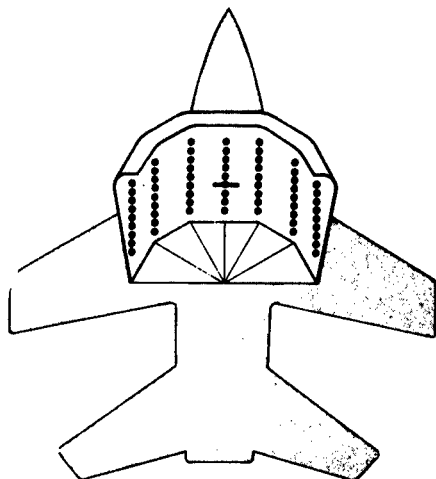
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 18" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1 (SS)	4.	33.0	83.8 (SL)	6.	26.0	66.0 (MR)	8.	30.5	77.5 (ML)
2.	29.0	73.7 (SR)	5.	28.5	72.4 (SL)	7.	25.0	63.5 (MS)	9.	31.5	80.0 (ML)
3.	31.5	80.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7 (LR)	12.	31.0	78.7 (LL)	14.	31.5	80.0 (XLR)	16.	32.0	81.3 (XLL)
11.	27.0	68.6 (ML)	13.	32.0	81.3 (LL)	15.	33.0	83.8 (LR)	17.	34.5	87.6 (XLL)

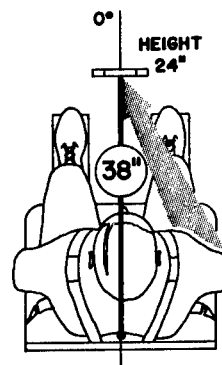
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

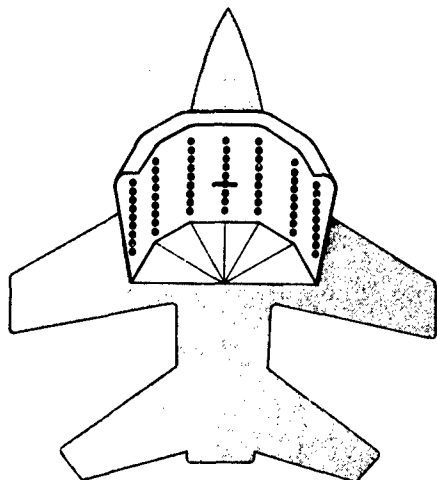
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 24" above the deck the knob must be placed no further than 38" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.0	104.1 (SS)	4.	43.5	110.5 (SL)	6.	41.0	104.1 (MR)	8.	43.5	110.5 (ML)
2.	40.5	102.9 (SR)	5.	42.0	106.7 (SL)	7.	39.0	99.1 (MS)	9.	43.0	109.2 (ML)
3.	42.0	106.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	43.0	109.2 (LR)	12.	44.0	111.8 (LL)	14.	42.5	108.0 (XLR)	16.	44.5	113.0 (XLL)
11.	38.0	96.5 (ML)	13.	44.0	111.8 (LL)	15.	43.0	109.2 (LR)	17.	45.0	114.3 (XLL)

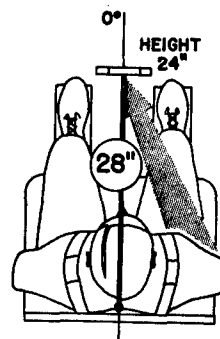
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

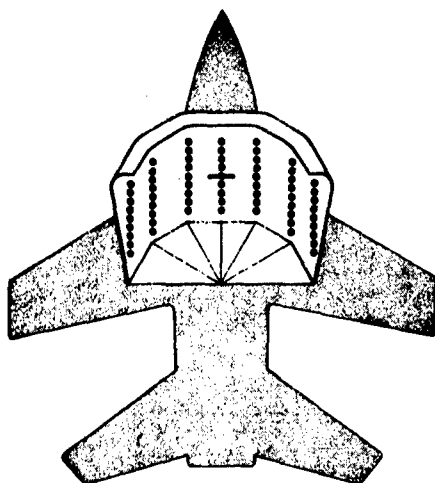
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 24" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2 (SS)	4.	34.5	87.6 (SL)	6.	28.0	71.1 (MR)	8.	32.5	82.6 (ML)
2.	31.0	78.7 (SR)	5.	30.5	77.5 (SL)	7.	28.5	72.4 (MS)	9.	33.0	83.8 (ML)
3.	33.0	83.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4 (LR)	12.	33.0	83.8 (LL)	14.	33.5	85.1 (XLR)	16.	34.5	87.6 (XLL)
11.	29.0	73.7 (ML)	13.	33.0	83.8 (LL)	15.	35.0	88.9 (LR)	17.	35.5	90.2 (XLL)

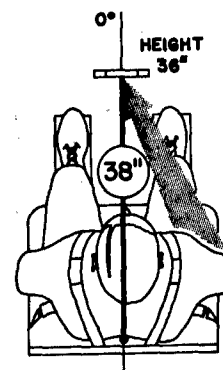
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

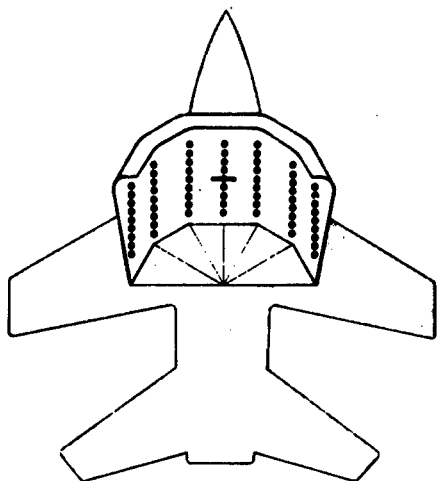
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 36" above the deck the knob must be placed no further than 38" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1 (SS)	4.	42.5	108.0 (SL)	6.	38.0	96.5 (MR)	8.	41.0	104.1 (ML)
2.	39.5	100.3 (SR)	5.	40.5	102.9 (SL)	7.	38.0	96.5 (MS)	9.	42.0	106.7 (ML)
3.	41.0	104.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.5	105.4 (LR)	12.	43.5	110.5 (LL)	14.	39.5	100.3 (XLR)	16.	43.5	110.5 (XLL)
11.	38.0	96.5 (ML)	13.	42.5	108.0 (LL)	15.	41.0	104.1 (LR)	17.	42.0	106.7 (XLL)

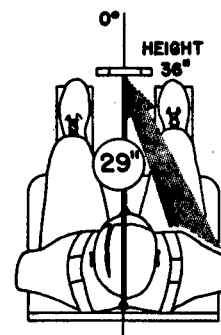
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

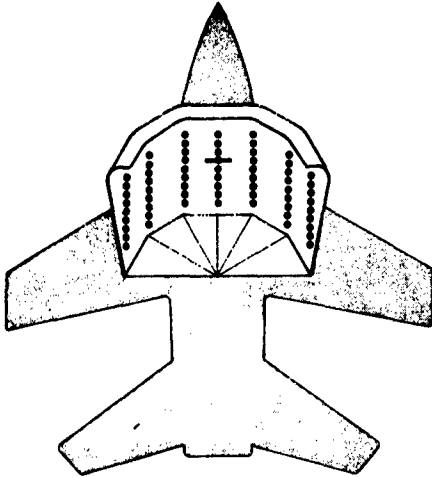
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 36" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.0	73.7 (SS)	4.	34.5	87.6 (SL)	6.	29.0	73.7 (MR)	8.	32.5	82.6 (ML)
2.	31.5	80.0 (SR)	5.	30.5	77.5 (SL)	7.	29.5	74.9 (MS)	9.	32.5	82.6 (ML)
3.	33.0	83.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4 (LR)	12.	33.0	83.8 (LL)	14.	33.5	85.1 (XLR)	16.	34.0	86.4 (XLL)
11.	31.5	80.0 (ML)	13.	32.5	82.6 (LL)	15.	34.5	87.6 (LR)	17.	35.0	88.9 (XLL)

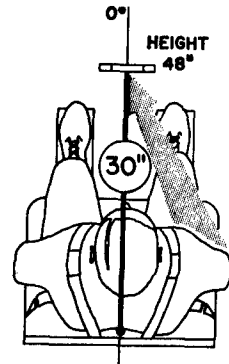
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

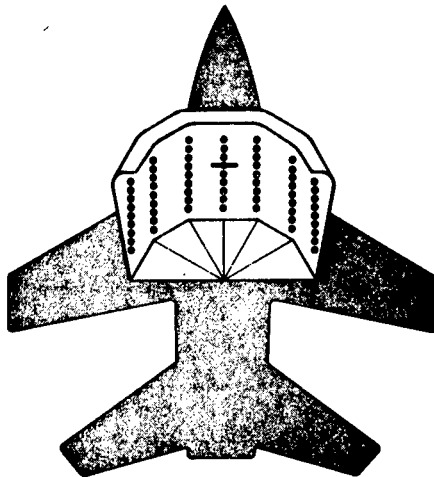
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 48" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.5	82.6 (SS)	4.	36.5	92.7 (SL)	6.	31.5	80.0 (MR)	8.	34.0	86.4 (ML)
2.	31.5	80.0 (SR)	5.	34.0	86.4 (SL)	7.	30.0	76.2 (MS)	9.	34.0	86.4 (ML)
3.	34.0	86.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.0	88.9 (LR)	12.	38.0	96.5 (LL)	14.	32.0	81.3 (XLR)	16.	37.0	94.0 (XLL)
11.	30.0	76.2 (ML)	13.	36.0	91.4 (LL)	15.	35.0	88.9 (LR)	17.	37.0	94.0 (XLL)

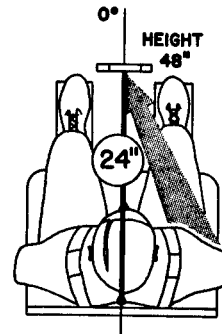
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

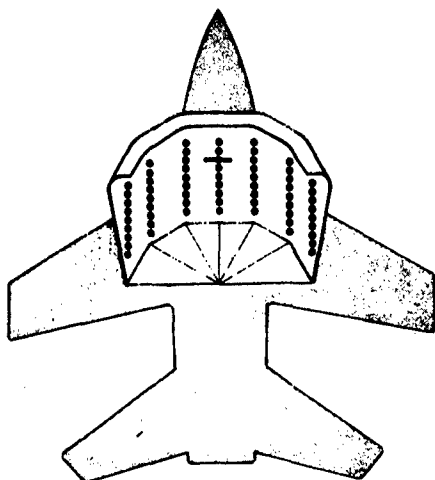
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 48" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	26.0	66.0 (SS)	4.	29.0	73.7 (SL)	6.	24.5	62.2 (MR)	8.	28.5	72.4 (ML)
2.	25.0	63.5 (SR)	5.	25.5	64.8 (SL)	7.	24.0	61.0 (MS)	9.	27.0	68.6 (ML)
3.	26.0	66.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.0	71.1 (LR)	12.	27.5	69.9 (LL)	14.	27.0	68.6 (XLR)	16.	30.0	76.2 (XLL)
11.	25.0	63.5 (ML)	13.	27.0	68.6 (LL)	15.	29.0	73.7 (LR)	17.	30.5	77.5 (XLL)

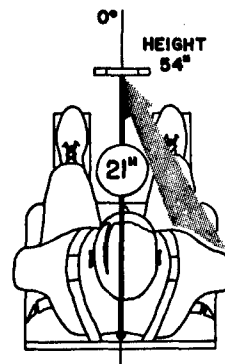
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

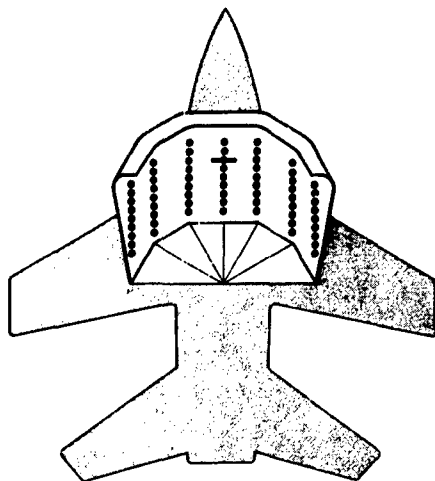
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 54" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	26.5	67.3 (SS)	4.	31.5	80.0 (SL)	6.	24.5	62.2 (MR)	8.	22.5	57.2 (ML)
2.	23.5	59.7 (SR)	5.	27.5	69.9 (SL)	7.	22.5	57.2 (MS)	9.	28.5	72.4 (ML)
3.	25.0	63.5 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.0	68.6 (LR)	12.	31.0	78.7 (LL)	14.	25.0	63.5 (XLR)	16.	28.5	72.4 (XLL)
11.	21.0	53.3 (ML)	13.	30.0	76.2 (LL)	15.	28.5	72.4 (LR)	17.	30.0	76.2 (XLL)

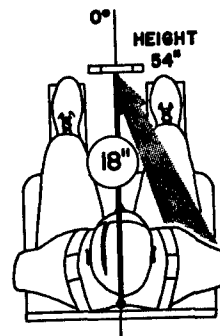
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

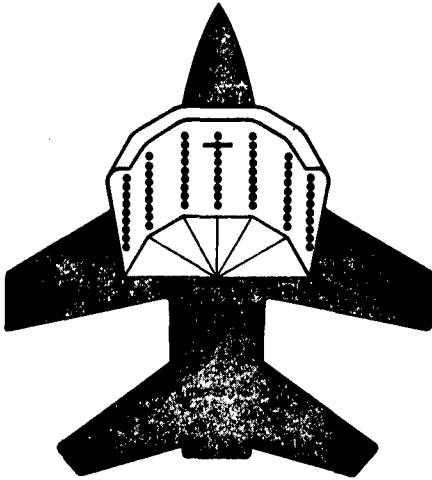
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 54" above the deck the knob must be placed no further than 18" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	19.5	49.5 (SS)	4.	21.5	54.6 (SL)	6.	18.5	47.0 (MR)	8.	22.5	57.2 (ML)
2.	21.0	53.3 (SR)	5.	20.0	50.8 (SL)	7.	18.5	47.0 (MS)	9.	22.0	55.9 (ML)
3.	21.0	53.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	22.5	57.2 (LR)	12.	24.5	62.2 (LL)	14.	22.0	55.9 (XLR)	16.	24.0	61.0 (XLL)
11.	21.0	53.3 (ML)	13.	22.0	55.9 (LL)	15.	22.0	55.9 (LR)	17.	25.0	63.5 (XLL)

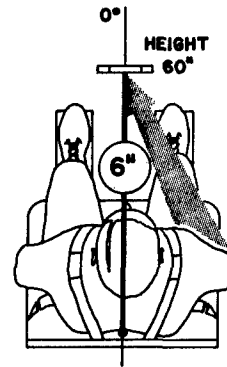
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

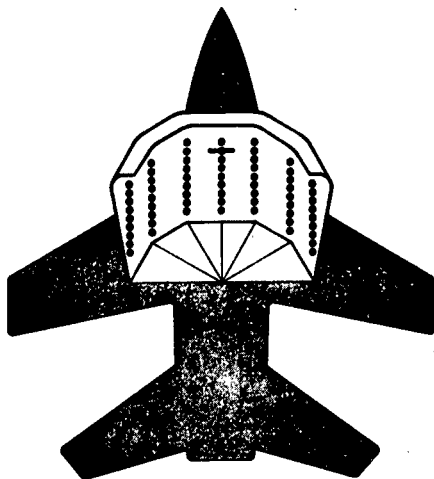
To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 60" above the deck the knob must be placed no further than 6" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	19.0	48.3 (SS)	4.	22.0	55.9 (SL)	6.	10.5	26.7 (MR)	8.	15.5	39.4 (ML)
2.	10.0	25.4 (SR)	5.	9.5	24.1 (SL)	7.	6.5	16.5 (MS)	9.	18.0	45.7 (ML)
3.	13.5	34.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	17.5	44.5 (LR)	12.	23.0	58.4 (LL)	14.	13.0	33.0 (XLR)	16.	19.5	49.5 (XLL)
11.	—	— (ML)	13.	21.5	54.6 (LL)	15.	17.5	44.5 (LR)	17.	21.0	53.3 (XLL)

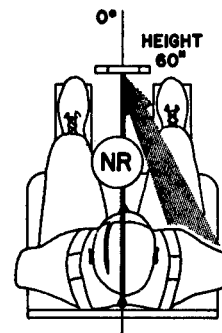
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 60"
f

NOT RECOMMENDED

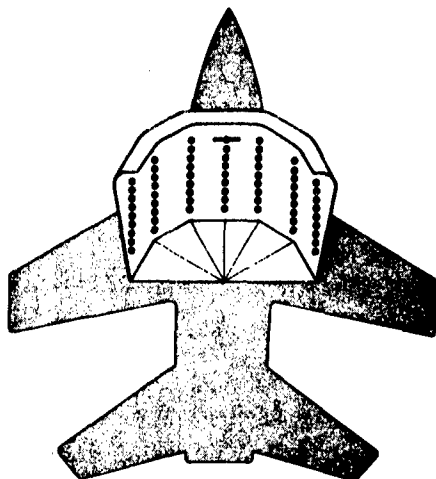
Centerline
no further than —

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	11.5	29.2 (SS)	4.	14.5	36.8 (SL)	6.	6.0	15.2 (MR)	8.	11.0	27.9 (ML)
2.	2.5	6.4 (SR)	5.	4.0	10.2 (SL)	7.	—	— (MS)	9.	10.5	26.7 (ML)
3.	11.0	27.9 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	11.5	29.2 (LR)	12.	18.0	45.7 (LL)	14.	12.5	31.8 (XLR)	16.	18.0	45.7 (XLL)
11.	—	— (ML)	13.	16.0	40.6 (LL)	15.	9.0	22.9 (LR)	17.	10.5	26.7 (XLL)

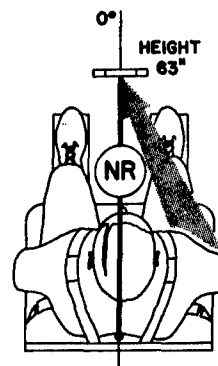
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate —
and —
f.

NOT RECOMMENDED

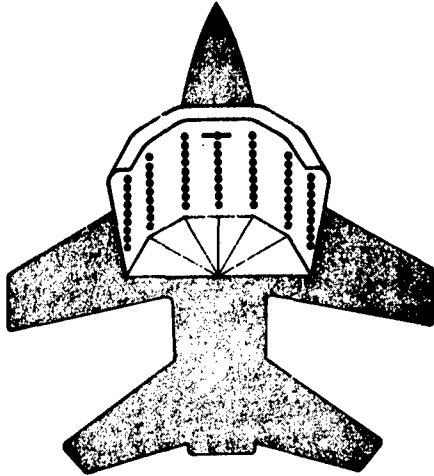
— CENTERLINE
— no further than —

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	— (SS)	4.	9.0	22.9 (SL)	6.	—	— (MR)	8.	—	— (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	13.5	34.3 (LR)	12.	16.0	40.6 (LL)	14.	—	— (XLR)	16.	11.5	29.2 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	11.5	29.2 (XLL)

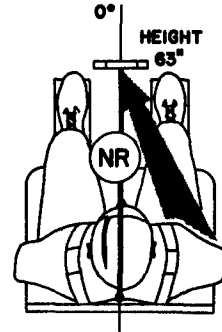
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 63"
f.

NOT RECOMMENDED

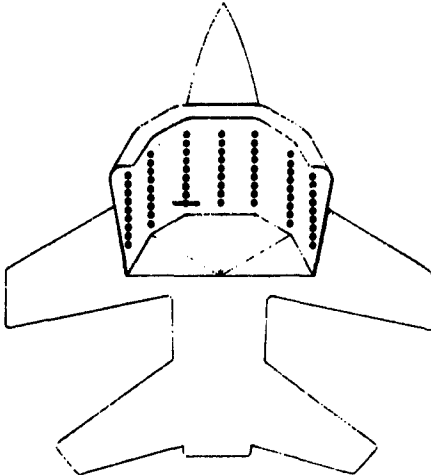
0° CENTERLINE
no further than —

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	—	— (SL)	6.	—	— (MR)	8.	4.5	11.4 (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	— (LR)	12.	9.0	22.9 (LL)	14.	—	— (XLR)	16.	3.5	8.9 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	—	— (XLL)

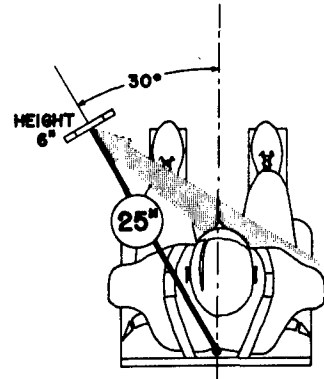
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

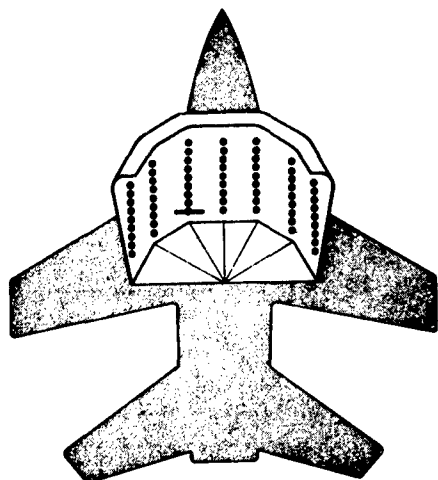
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3 (SS)	4.	35.0	88.9 (SL)	6.	25.0	63.5 (MR)	8.	30.0	76.2 (ML)
2.	30.0	76.2 (SR)	5.	31.0	78.7 (SL)	7.	32.0	81.3 (MS)	9.	29.5	74.9 (ML)
3.	32.0	81.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.5	80.0 (LR)	12.	35.0	88.9 (LL)	14.	28.0	71.1 (XLR)	16.	34.0	86.4 (XLL)
11.	—	— (ML)	13.	33.0	83.8 (LL)	15.	29.0	73.7 (LR)	17.	30.0	76.2 (XLL)

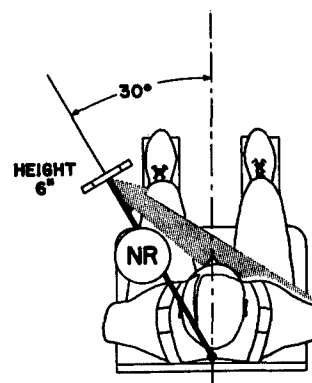
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT

30° to the
must be placed no

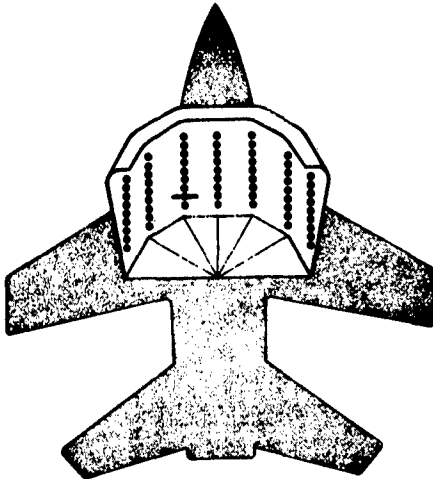
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	21.0	53.3 (SL)	6.	—	— (MR)	8.	—	— (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	— (LR)	12.	—	— (LL)	14.	—	— (XLR)	16.	—	— (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	—	— (XLL)

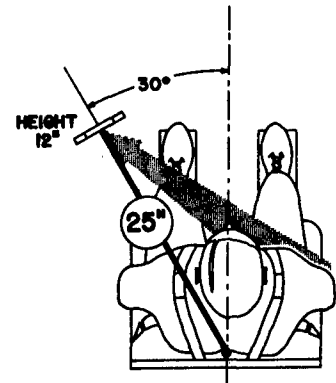
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

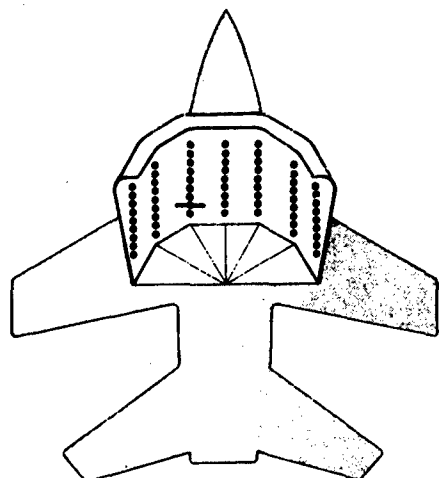
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	37.0	94.0 (SS)	4.	40.5	102.9 (SL)	6.	29.0	73.7 (MR)	8.	36.0	91.4 (ML)
2.	34.5	87.6 (SR)	5.	35.5	90.2 (SL)	7.	34.5	87.6 (MS)	9.	35.0	88.9 (ML)
3.	36.5	92.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	36.0	91.4 (LR)	12.	37.0	94.0 (LL)	14.	37.0	94.0 (XLR)	16.	38.0	96.5 (XLL)
11.	25.5	64.8 (ML)	13.	38.5	97.8 (LL)	15.	35.0	88.9 (LR)	17.	36.0	91.4 (XLL)

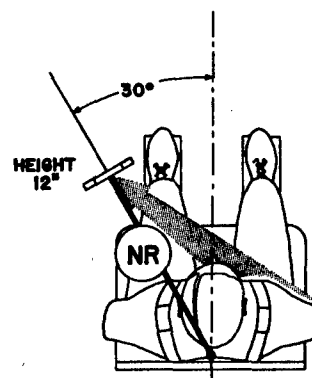
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT or
RIGHT

30° to the
must be placed no

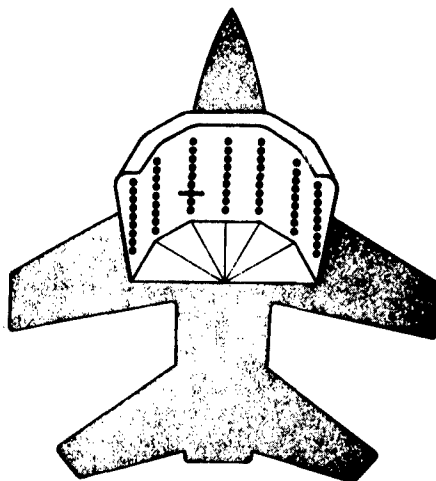
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	21.0	53.3 (SS)	4.	28.0	71.1 (SL)	6.	—	— (MR)	8.	23.0	58.4 (ML)
2.	20.0	50.8 (SR)	5.	20.5	52.1 (SL)	7.	—	— (MS)	9.	24.0	61.0 (ML)
3.	22.0	55.9 (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	25.5	64.8 (LR)	12.	23.5	59.7 (LL)	14.	—	— (XLR)	16.	25.5	64.8 (XLL)
11.	—	— (ML)	13.	26.0	66.0 (LL)	15.	25.0	63.5 (LR)	17.	27.5	69.9 (XLL)

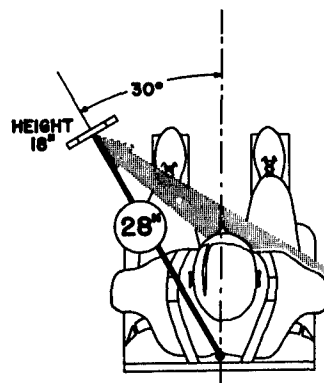
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

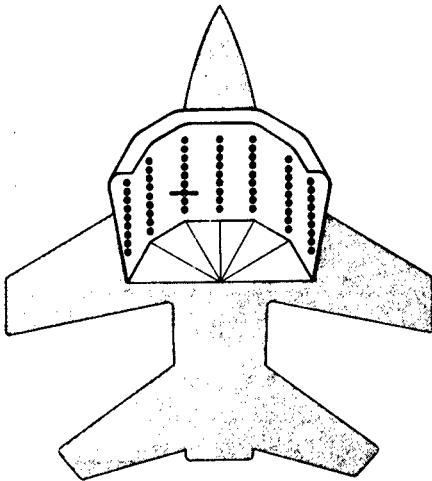
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.5	100.3 (SS)	4.	43.0	109.2 (SL)	6.	32.0	81.3 (MR)	8.	38.5	97.8 (ML)
2.	37.0	94.0 (SR)	5.	38.0	96.5 (SL)	7.	35.5	90.2 (MS)	9.	39.0	99.1 (ML)
3.	39.0	99.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	39.5	100.3 (LR)	12.	40.0	101.6 (LL)	14.	40.0	101.6 (XLR)	16.	41.0	104.1 (XLL)
11.	28.5	72.4 (ML)	13.	39.0	99.1 (LL)	15.	39.5	100.3 (LR)	17.	40.0	101.6 (XLL)

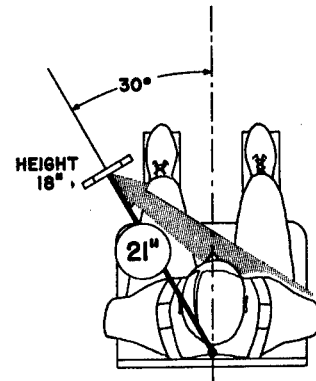
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

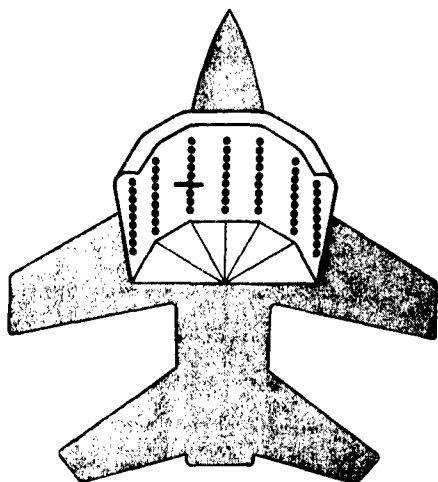
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	26.0	66.0 (SS)	4.	31.0	78.7 (SL)	6.	24.0	61.0 (MR)	8.	27.5	69.9 (ML)
2.	26.0	66.0 (SR)	5.	26.0	66.0 (SL)	7.	21.0	53.3 (MS)	9.	28.0	71.1 (ML)
3.	28.5	72.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	29.0	73.7 (LR)	12.	28.0	71.1 (LL)	14.	28.5	72.4 (XLR)	16.	31.0	78.7 (XLL)
11.	24.5	62.2 (ML)	13.	30.0	76.2 (LL)	15.	29.5	74.9 (LR)	17.	31.0	78.7 (XLL)

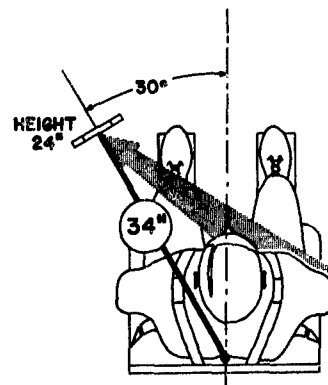
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

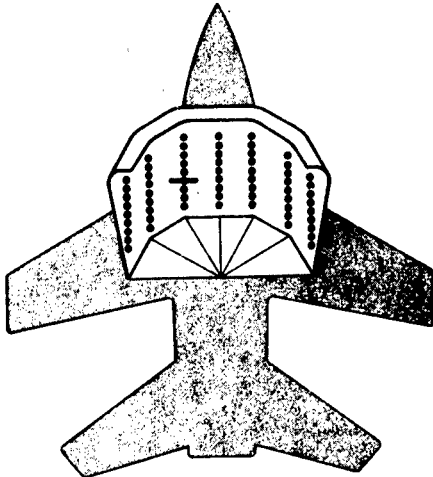
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.5	100.3 (SS)	4.	43.5	110.5 (SL)	6.	34.0	86.4 (MR)	8.	39.0	99.1 (ML)
2.	38.0	96.5 (SR)	5.	39.5	100.3 (SL)	7.	37.0	94.0 (MS)	9.	39.0	99.1 (ML)
3.	40.0	101.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.5	105.4 (LR)	12.	42.0	106.7 (LL)	14.	40.5	102.9 (XLR)	16.	42.0	106.7 (XLL)
11.	34.0	86.4 (ML)	13.	39.0	99.1 (LL)	15.	41.0	104.1 (LR)	17.	40.5	102.9 (XLL)

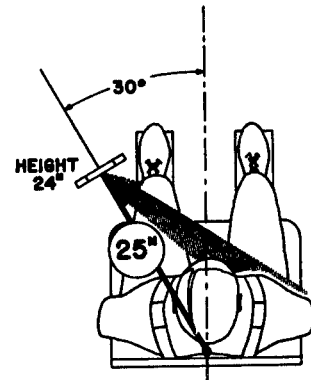
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

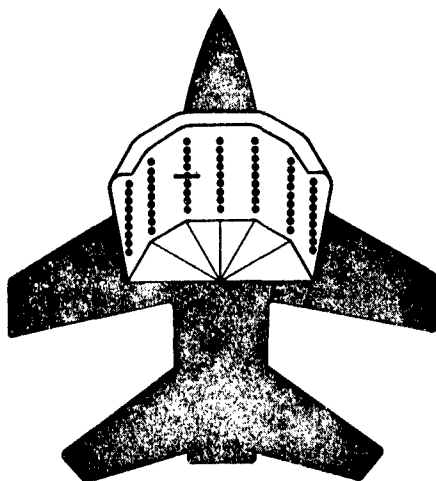
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.0	73.7 (SS)	4.	33.0	83.8 (SL)	6.	25.0	63.5 (MR)	8.	30.5	77.5 (ML)
2.	29.0	73.7 (SR)	5.	28.5	72.4 (SL)	7.	25.0	63.5 (MS)	9.	30.0	76.2 (ML)
3.	31.0	78.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7 (LR)	12.	31.0	78.7 (LL)	14.	30.0	76.2 (XLR)	16.	32.5	82.6 (XLL)
11.	27.5	69.9 (ML)	13.	32.0	81.3 (LL)	15.	31.5	80.0 (LR)	17.	33.5	85.1 (XLL)

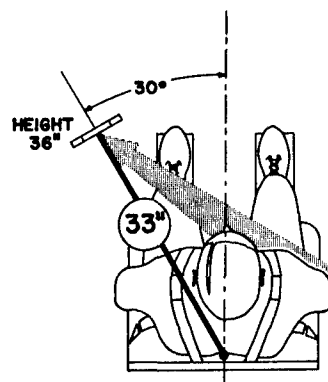
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

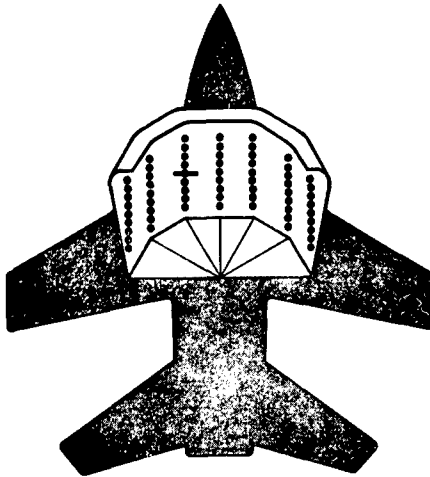
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	37.5	95.3 (SS)	4.	43.5	110.5 (SL)	6.	33.5	85.1 (MR)	8.	38.0	96.5 (ML)
2.	36.5	92.7 (SR)	5.	39.0	99.1 (SL)	7.	34.0	86.4 (MS)	9.	39.5	100.3 (ML)
3.	38.5	97.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.0	104.1 (LR)	12.	41.0	104.1 (LL)	14.	39.0	99.1 (XLR)	16.	41.0	104.1 (XLL)
11.	33.0	83.8 (ML)	13.	38.0	96.5 (LL)	15.	40.0	101.6 (LR)	17.	38.5	97.8 (XLL)

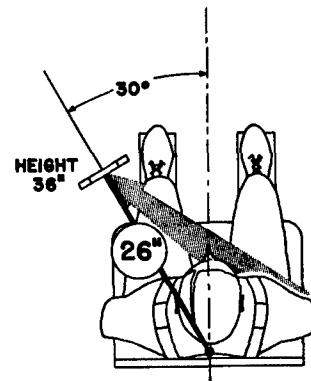
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

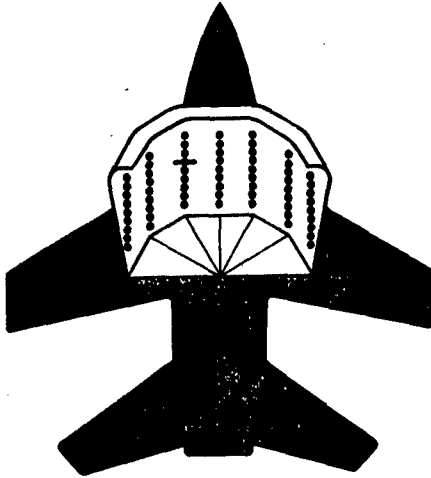
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 26" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2 (SS)	4.	33.0	83.8 (SL)	6.	28.0	71.1 (MR)	8.	32.0	81.3 (ML)
2.	29.0	73.7 (SR)	5.	29.5	74.9 (SL)	7.	28.0	71.1 (MS)	9.	31.0	78.7 (ML)
3.	31.5	80.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.5	80.0 (LR)	12.	32.0	81.3 (LL)	14.	30.5	77.5 (XLR)	16.	33.0	83.8 (XLL)
11.	29.0	73.7 (ML)	13.	32.0	81.3 (LL)	15.	26.0	66.0 (LR)	17.	33.5	85.1 (XLL)

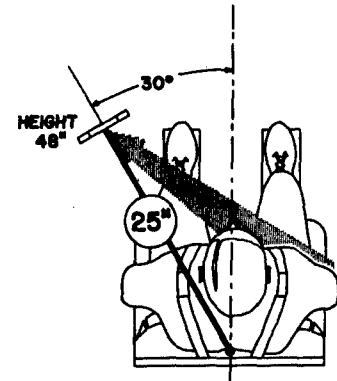
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

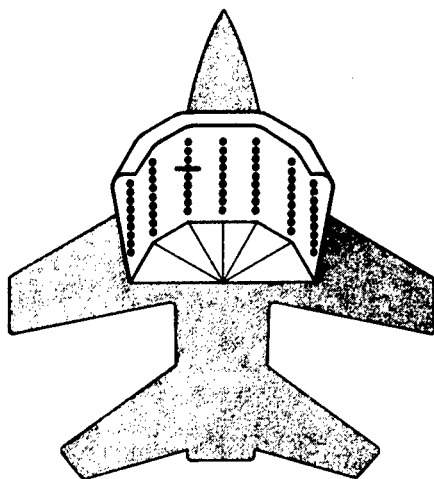
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.5	82.6 (SS)	4.	34.5	87.6 (SL)	6.	28.0	71.1 (MR)	8.	30.0	76.2 (ML)
2.	30.0	76.2 (SR)	5.	33.0	83.8 (SL)	7.	25.0	63.5 (MS)	9.	33.5	85.1 (ML)
3.	31.0	78.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.5	85.1 (LR)	12.	35.5	90.2 (LL)	14.	35.0	88.9 (XLR)	16.	35.0	88.9 (XLL)
11.	25.0	63.5 (ML)	13.	32.0	81.3 (LL)	15.	35.0	88.9 (LR)	17.	34.5	87.6 (XLL)

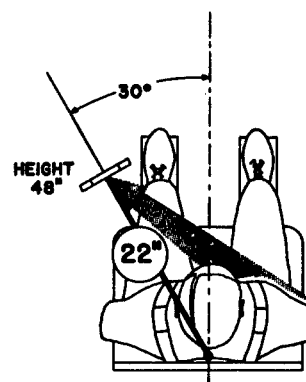
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

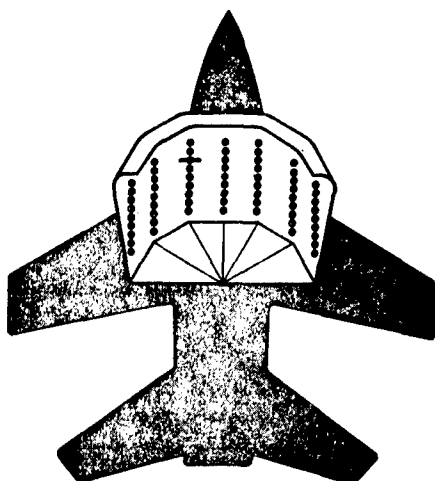
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	25.0	63.5 (SS)	4.	28.0	71.1 (SL)	6.	23.0	58.4 (MR)	8.	25.5	64.8 (ML)
2.	23.5	59.7 (SR)	5.	25.0	63.5 (SL)	7.	22.0	55.9 (MS)	9.	25.0	63.5 (ML)
3.	26.0	66.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	26.0	66.0 (LR)	12.	26.5	67.3 (LL)	14.	26.5	67.3 (XLR)	16.	28.0	71.1 (XLL)
11.	24.0	61.0 (ML)	13.	27.0	68.6 (LL)	15.	25.0	63.5 (LR)	17.	28.0	71.1 (XLL)

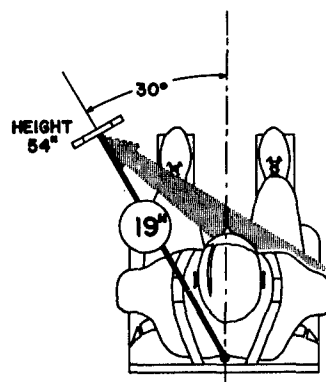
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

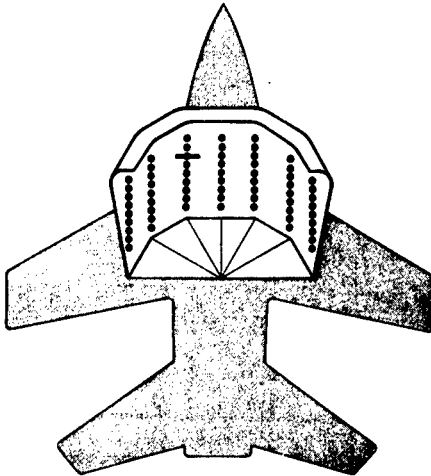
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 54" above the deck the knob must be placed no further than 19" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	25.0	63.5 (SS)	4.	30.5	77.5 (SL)	6.	20.0	50.8 (MR)	8.	24.0	61.0 (ML)
2.	22.5	57.2 (SR)	5.	26.5	67.3 (SL)	7.	19.0	48.2 (MS)	9.	25.5	64.8 (ML)
3.	24.0	61.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.0	71.1 (LR)	12.	31.0	78.7 (LL)	14.	27.5	69.9 (XLR)	16.	30.5	77.5 (XLL)
11.	19.5	49.5 (ML)	13.	25.5	64.8 (LL)	15.	28.0	71.1 (LR)	17.	29.5	74.9 (XLL)

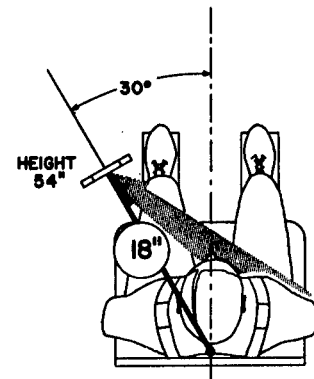
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

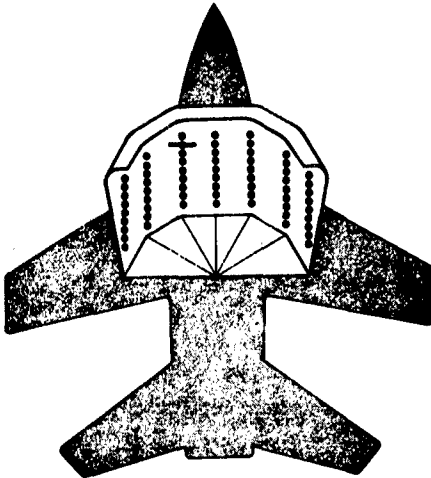
To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 54" above the deck the knob must be placed no further than 18" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	19.0	48.3 (SS)	4.	22.5	57.2 (SL)	6.	18.0	45.7 (MR)	8.	20.0	50.8 (ML)
2.	18.0	45.7 (SR)	5.	19.5	49.5 (SL)	7.	18.0	45.7 (MS)	9.	22.0	55.9 (ML)
3.	20.5	52.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	20.5	52.1 (LR)	12.	23.0	58.4 (LL)	14.	20.5	52.1 (XLR)	16.	24.0	61.0 (XLL)
11.	—	— (ML)	13.	22.5	57.2 (LL)	15.	21.0	53.3 (LR)	17.	23.0	58.4 (XLL)

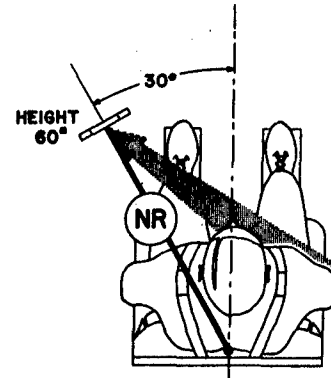
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

30° to the
must be placed no

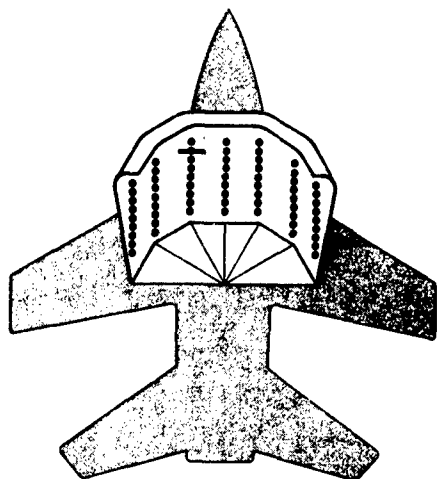
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	19.0	48.3 (SS)	4.	22.0	55.9 (SL)	6.	6.0	15.2 (MR)	8.	15.5	39.4 (ML)
2.	4.5	11.4 (SR)	5.	9.5	24.1 (SL)	7.	—	— (MS)	9.	19.0	48.3 (ML)
3.	10.5	26.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	18.0	45.7 (LR)	12.	23.0	58.4 (LL)	14.	16.0	40.6 (XLR)	16.	20.0	50.8 (XLL)
11.	—	— (ML)	13.	20.0	50.8 (LL)	15.	19.0	48.3 (LR)	17.	22.0	55.9 (XLL)

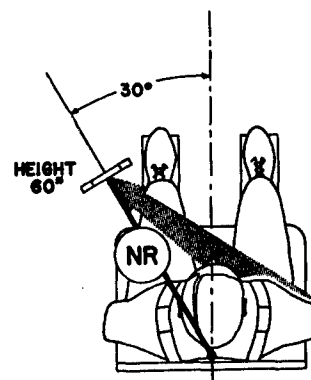
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

30° to the
must be placed no

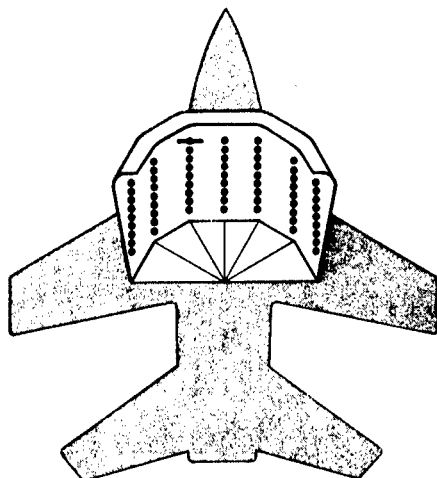
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	6.0	15.2 (SS)	4.	13.5	34.3 (SL)	6.	3.0	7.6 (MR)	8.	10.5	26.7 (ML)
2.	2.0	5.1 (SR)	5.	1.0	2.54 (SL)	7.	—	— (MS)	9.	11.0	27.9 (ML)
3.	7.0	17.8 (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	10.0	25.4 (LR)	12.	18.0	45.7 (LL)	14.	6.0	15.2 (XLR)	16.	11.5	29.2 (XLL)
11.	—	— (ML)	13.	14.0	35.6 (LL)	15.	2.0	5.1 (LR)	17.	10.5	26.7 (XLL)

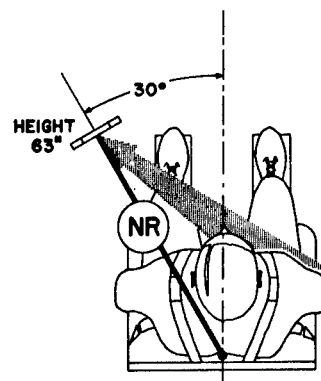
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT HAND
f

tilted 30° to the
must be placed no

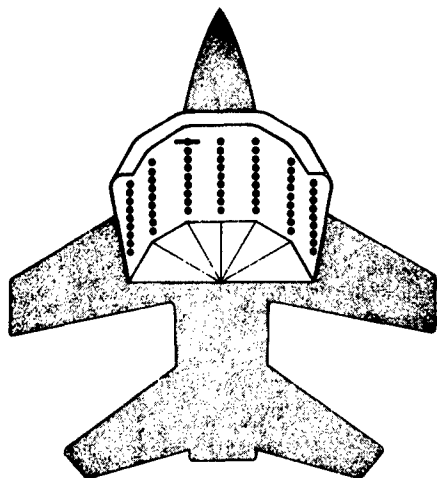
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	8.5	21.6 (SL)	6.	—	— (MR)	8.	—	— (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	— (LR)	12.	18.5	47.0 (LL)	14.	—	— (XLR)	16.	11.5	29.2 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	5.5	14.0 (XLL)

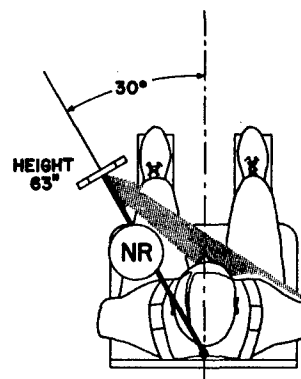
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

tilted 30° to the
must be placed no

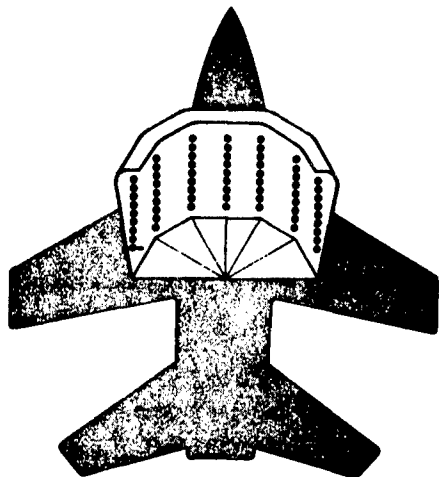
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	— (SS)	4.	—	— (SL)	6.	—	— (MR)	8.	—	— (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	— (LR)	12.	7.0	17.8 (LL)	14.	—	— (XLR)	16.	2.5	6.4 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	—	— (XLL)

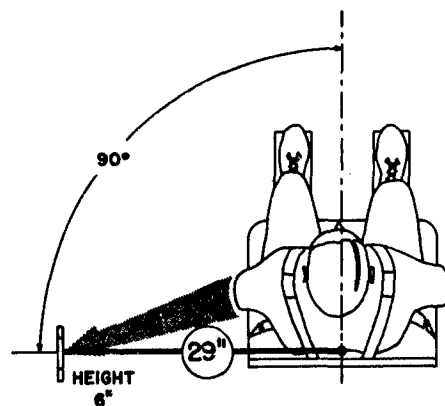
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle from Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

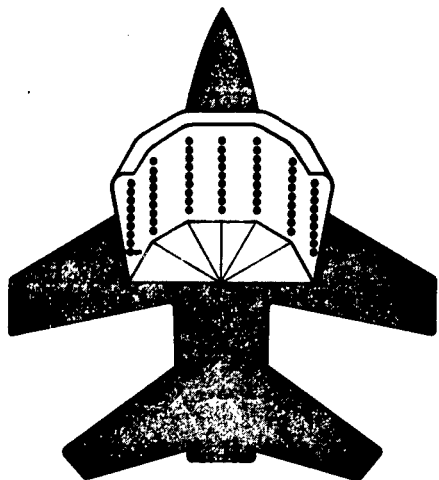
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1 (SS)	4.	43.5	110.5 (SL)	6.	29.5	74.9 (MR)	8.	43.0	109.2 (ML)
2.	37.5	95.3 (SR)	5.	38.0	96.5 (SL)	7.	39.0	99.1 (MS)	9.	42.0	106.7 (ML)
3.	39.0	99.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.0	104.1 (LR)	12.	41.0	104.1 (LL)	14.	42.0	106.7 (XLR)	16.	45.0	114.3 (XLL)
11.	33.5	85.1 (ML)	13.	41.5	105.4 (LL)	15.	42.5	108.0 (LR)	17.	43.0	109.2 (XLL)

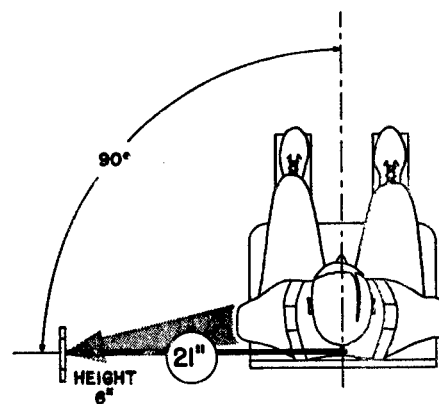
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle from Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

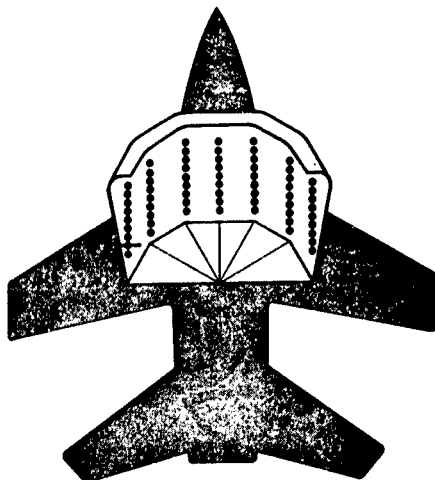
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	26.5	67.3 (SS)	4.	32.5	82.6 (SL)	6.	23.0	58.4 (MR)	8.	29.0	73.7 (ML)
2.	28.0	71.1 (SR)	5.	25.0	63.5 (SL)	7.	21.0	53.3 (MS)	9.	32.0	81.3 (ML)
3.	29.0	73.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	29.0	73.7 (LR)	12.	30.0	76.2 (LL)	14.	31.0	78.7 (XLR)	16.	35.0	88.9 (XLL)
11.	27.0	68.6 (ML)	13.	32.0	81.3 (LL)	15.	32.5	82.6 (LR)	17.	33.0	83.8 (XLL)

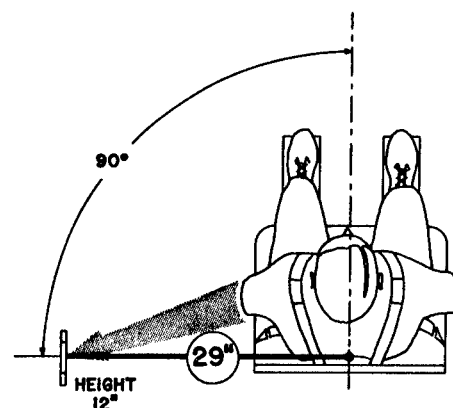
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle from Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

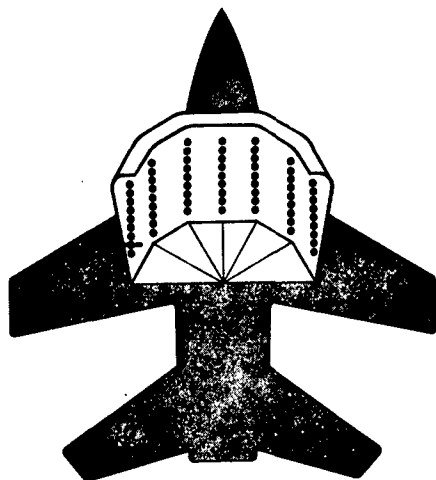
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.5	105.4 (SS)	4.	45.0	114.3 (SR)	6.	29.0	73.7 (MR)	8.	45.0	114.3 (ML)
2.	40.5	102.9 (SR)	5.	41.5	105.4 (SL)	7.	43.5	110.5 (MS)	9.	45.0	114.3 (ML)
3.	42.0	106.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	45.0	114.3 (LR)	12.	45.0	114.3 (LL)	14.	45.0	114.3 (XLR)	16.	49.0	124.5 (XLL)
11.	39.0	99.1 (ML)	13.	45.0	114.3 (LL)	15.	46.0	116.8 (LR)	17.	46.0	116.8 (XLL)

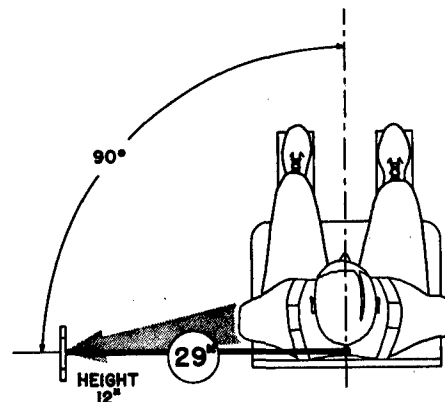
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle from Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

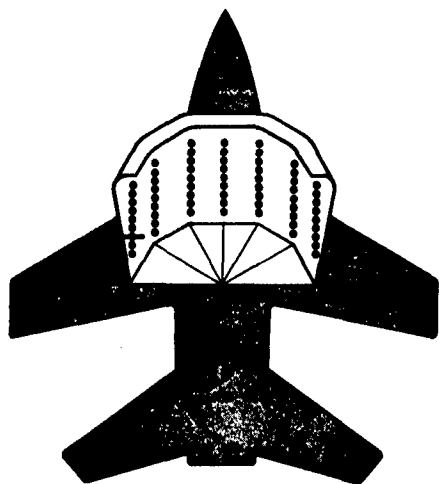
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.5	82.6 (SS)	4.	37.0	94.0 (SL)	6.	31.5	80.0 (MR)	8.	34.0	86.4 (ML)
2.	32.5	82.6 (SR)	5.	31.0	78.7 (SL)	7.	29.0	73.7 (MS)	9.	37.0	94.0 (ML)
3.	33.5	85.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4 (LR)	12.	35.0	88.9 (LL)	14.	36.5	92.7 (XLR)	16.	39.5	100.3 (XLL)
11.	32.5	82.6 (ML)	13.	36.0	91.4 (LL)	15.	32.5	82.6 (LR)	17.	38.0	96.5 (XLL)

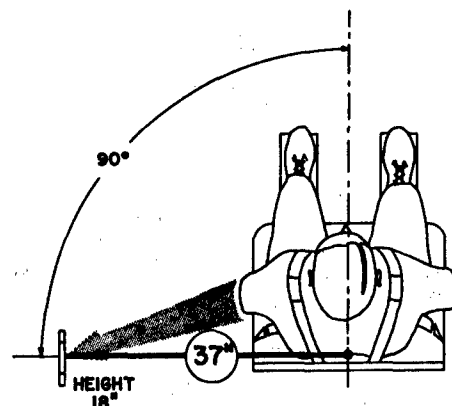
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle from Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

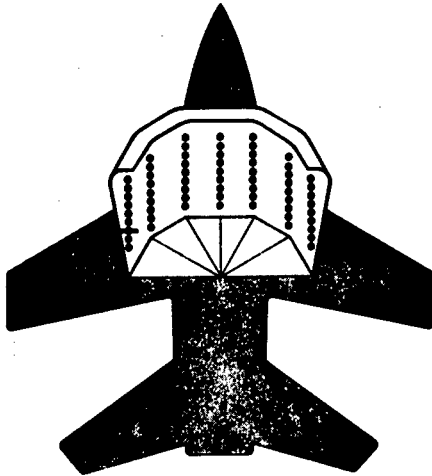
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 37" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.0	106.7 (SS)	4.	47.0	119.4 (SL)	6.	37.0	94.0 (MR)	8.	49.0	124.5 (ML)
2.	42.5	108.0 (SR)	5.	43.5	110.5 (SL)	7.	43.5	110.5 (MS)	9.	45.0	114.3 (ML)
3.	42.0	106.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	45.5	115.6 (LR)	12.	47.0	119.4 (LL)	14.	48.0	121.9 (XLR)	16.	51.0	129.5 (XLL)
11.	41.5	105.4 (ML)	13.	47.0	119.4 (LL)	15.	47.0	119.4 (LR)	17.	47.0	119.4 (XLL)

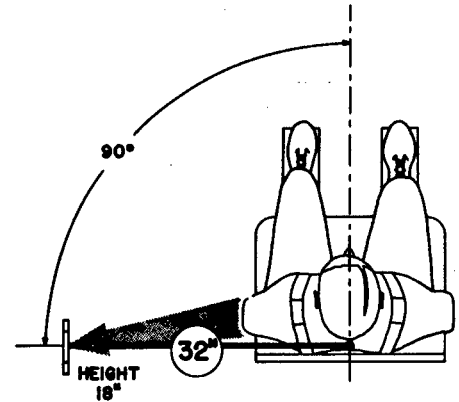
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle from Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

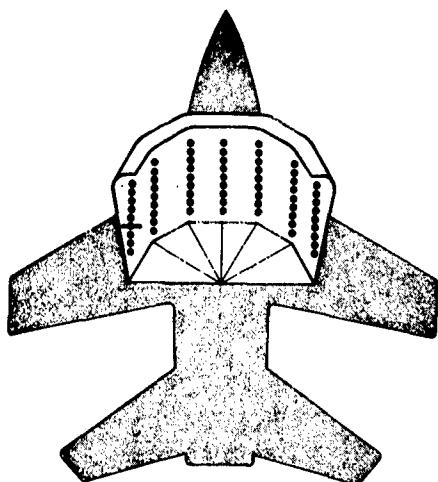
To manipulate with the LEFT hand a rotary knob located 90° to the LEFT of center and 18" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	35.0	88.9 (SS)	4.	38.5	97.8 (SL)	6.	34.5	87.6 (MR)	8.	37.5	95.3 (ML)
2.	36.0	91.4 (SR)	5.	34.5	87.6 (SL)	7.	32.5	82.6 (MS)	9.	39.5	100.3 (ML)
3.	37.0	94.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.0	94.0 (LR)	12.	38.5	97.8 (LL)	14.	39.0	99.1 (XLR)	16.	42.0	106.7 (XLL)
11.	36.5	92.7 (ML)	13.	39.0	99.1 (LL)	15.	39.5	100.3 (LR)	17.	41.0	104.1 (XLL)

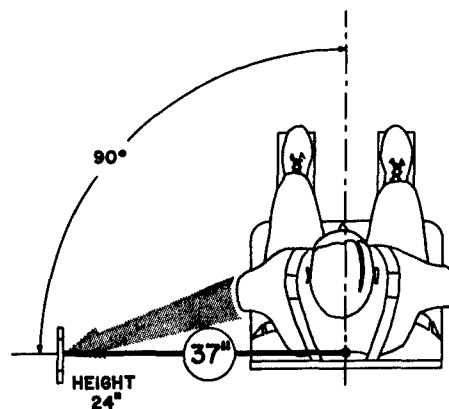
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle from Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

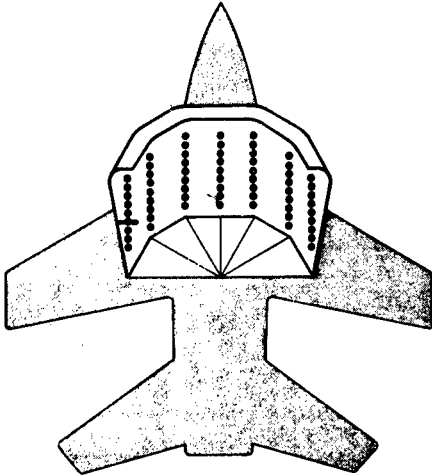
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 37" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2 (SS)	4.	49.0	124.5 (SL)	6.	37.0	94.0 (MR)	8.	49.0	124.5 (ML)
2.	44.0	111.8 (SR)	5.	44.0	111.8 (SL)	7.	43.0	109.2 (MS)	9.	47.0	119.4 (ML)
3.	43.5	110.5 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	46.0	116.8 (LR)	12.	47.5	120.7 (LL)	14.	49.0	124.5 (XLR)	16.	51.0	129.5 (XLL)
11.	43.0	109.2 (ML)	13.	49.0	124.5 (LL)	15.	47.0	119.4 (LR)	17.	49.0	124.5 (XLL)

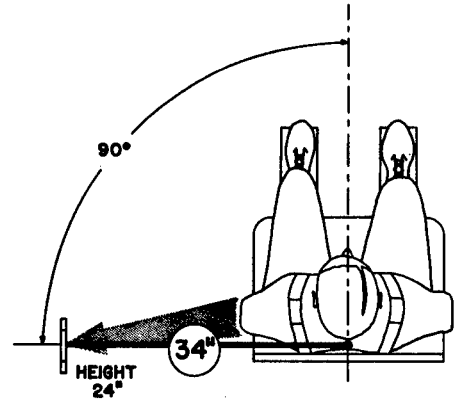
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle from Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

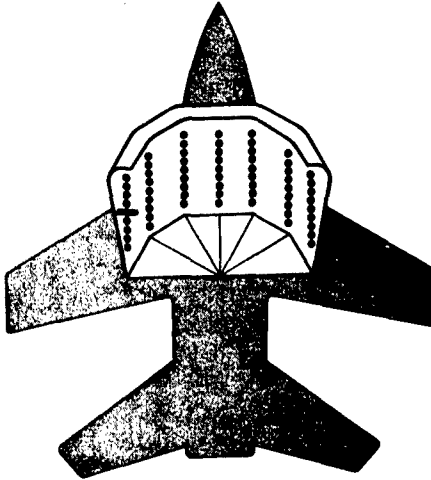
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	36.5	92.7 (SS)	4.	40.0	101.6 (SL)	6.	37.5	95.3 (MR)	8.	38.5	97.8 (ML)
2.	38.0	96.5 (SR)	5.	36.5	92.7 (SL)	7.	34.0	86.4 (MS)	9.	41.0	104.1 (ML)
3.	39.0	99.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	38.5	97.8 (LR)	12.	39.5	100.3 (LL)	14.	40.0	101.6 (XLR)	16.	44.0	111.8 (XLL)
11.	38.0	96.5 (ML)	13.	40.5	102.9 (LL)	15.	40.0	101.6 (LR)	17.	41.0	104.1 (XLL)

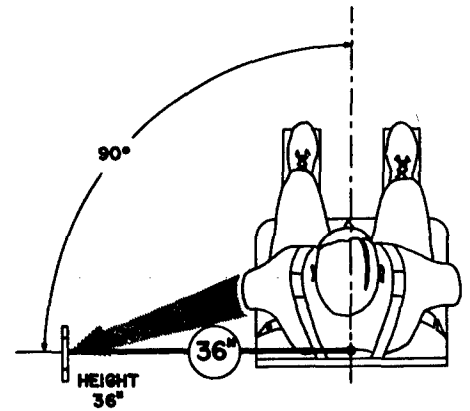
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle from Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

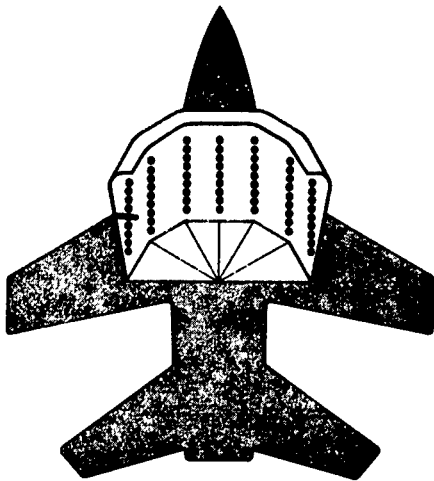
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 36" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2 (SS)	4.	47.5	120.7 (SL)	6.	36.0	91.4 (MR)	8.	48.0	121.9 (ML)
2.	43.5	110.5 (SR)	5.	41.0	104.1 (SL)	7.	39.5	100.3 (MS)	9.	43.5	110.5 (ML)
3.	41.5	105.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	43.5	110.5 (LR)	12.	46.0	116.8 (LL)	14.	45.0	114.3 (XLR)	16.	48.0	121.9 (XLL)
11.	40.5	102.9 (ML)	13.	46.0	116.8 (LL)	15.	43.0	109.2 (LR)	17.	45.0	114.3 (XLL)

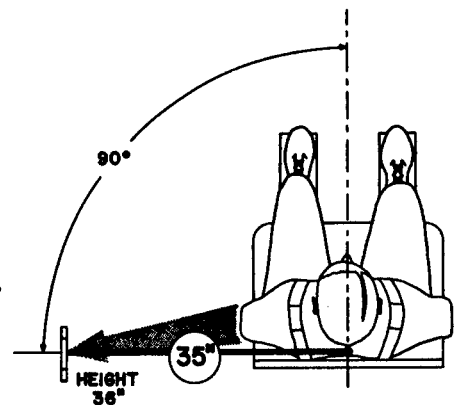
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle from Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

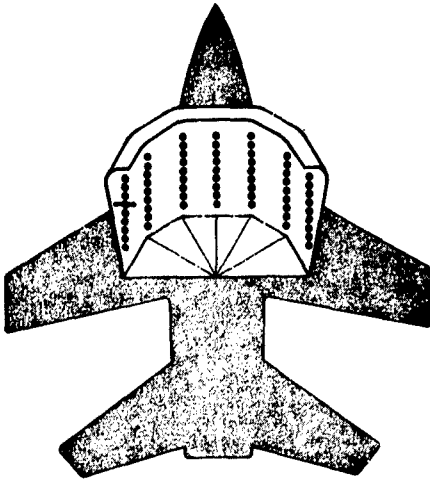
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 35" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	35.5	90.2 (SS)	4.	40.0	101.6 (SL)	6.	38.0	96.5 (MR)	8.	38.5	97.8 (ML)
2.	37.5	95.3 (SR)	5.	37.0	94.0 (SL)	7.	35.0	88.9 (MS)	9.	40.0	101.6 (ML)
3.	39.0	99.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	38.0	96.5 (LR)	12.	39.5	100.3 (LL)	14.	39.5	100.3 (XLR)	16.	42.0	106.7 (XLL)
11.	38.0	96.5 (ML)	13.	40.5	102.9 (LL)	15.	40.0	101.6 (LR)	17.	40.5	102.9 (XLL)

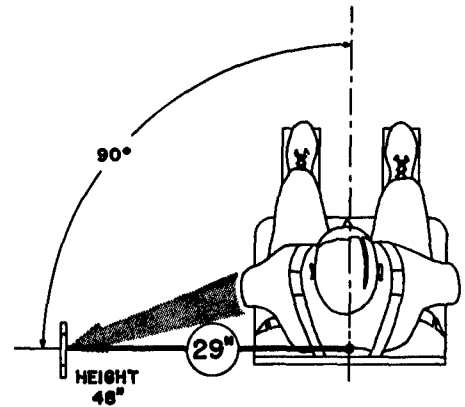
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle from Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

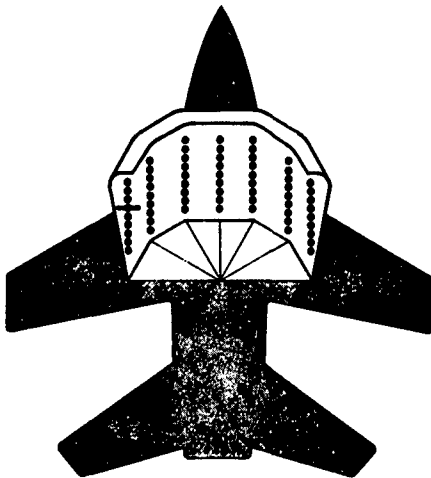
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.0	83.8 (SS)	4.	42.5	108.0 (SL)	6.	31.0	78.7 (MR)	8.	39.5	100.3 (ML)
2.	34.0	86.4 (SR)	5.	35.0	88.9 (SL)	7.	29.0	73.7 (MS)	9.	36.5	92.7 (ML)
3.	34.5	87.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.0	94.0 (LR)	12.	41.0	104.1 (LL)	14.	38.0	96.5 (XLR)	16.	40.0	101.6 (XLL)
11.	35.0	88.9 (ML)	13.	38.0	96.5 (LL)	15.	38.5	97.8 (LR)	17.	38.5	97.8 (XLL)

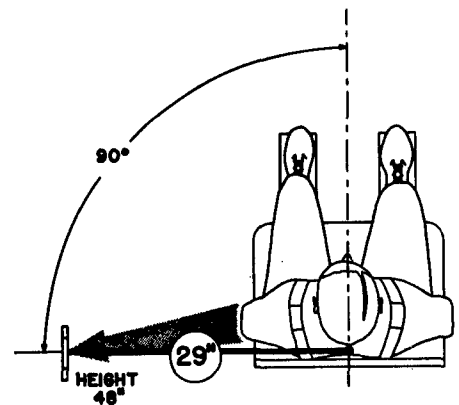
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle from Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

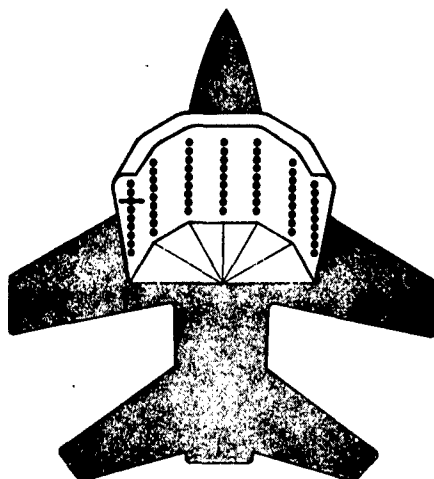
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7 (SS)	4.	35.5	90.2 (SL)	6.	32.0	81.3 (MR)	8.	30.5	77.5 (ML)
2.	32.0	81.3 (SR)	5.	31.5	80.0 (SL)	7.	29.0	73.7 (MS)	9.	36.5	92.7 (ML)
3.	33.0	83.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.5	82.6 (LR)	12.	35.5	90.2 (LL)	14.	35.0	88.9 (XLR)	16.	36.0	91.4 (XLL)
11.	32.0	81.3 (ML)	13.	33.5	85.1 (LL)	15.	34.0	86.4 (LR)	17.	34.5	87.6 (XLL)

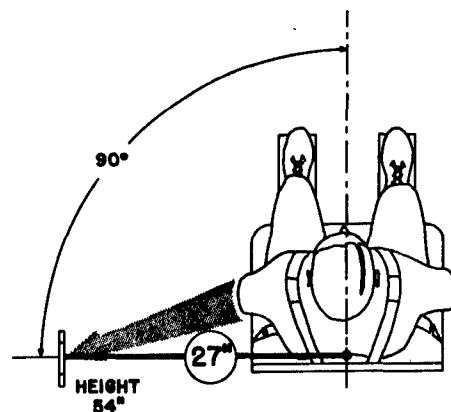
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle from Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

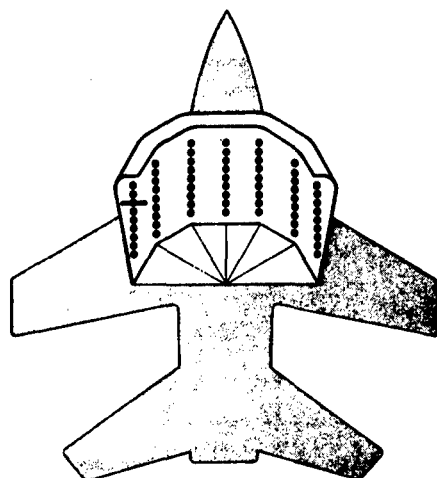
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 54" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.5	72.4 (SS)	4.	32.5	82.6 (SL)	6.	29.0	73.7 (MR)	8.	33.0	83.8 (ML)
2.	27.0	68.6 (SR)	5.	30.0	76.2 (SL)	7.	20.0	50.8 (MS)	9.	31.0	78.7 (ML)
3.	28.0	71.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	29.0	73.7 (LR)	12.	34.5	87.6 (LL)	14.	30.0	76.2 (XLR)	16.	33.5	85.1 (XLL)
11.	27.0	68.6 (ML)	13.	33.0	83.8 (LL)	15.	30.5	77.5 (LR)	17.	31.5	80.0 (XLL)

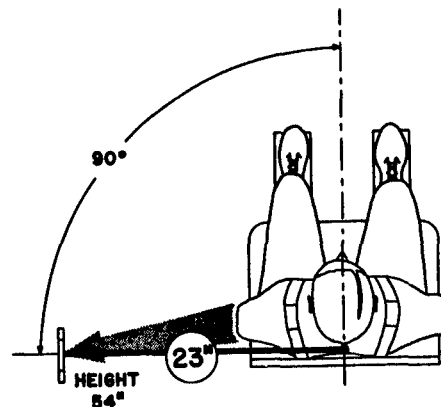
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle from Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

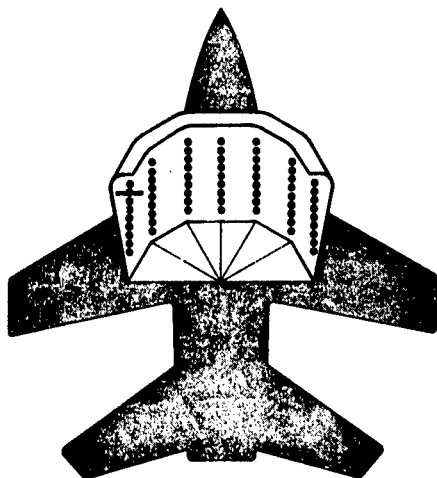
To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 54" above the deck the knob must be placed no further than 23" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	24.0	61.0 (SS)	4.	30.0	76.2 (SL)	6.	24.0	61.0 (MR)	8.	26.0	66.0 (ML)
2.	26.5	67.3 (SR)	5.	24.5	62.2 (SL)	7.	23.0	58.4 (MS)	9.	32.5	82.6 (ML)
3.	27.5	69.9 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.5	69.9 (LR)	12.	30.5	77.5 (LL)	14.	29.0	73.7 (XLR)	16.	31.0	78.7 (XLL)
11.	26.0	66.0 (ML)	13.	29.0	73.7 (LL)	15.	26.5	67.3 (LR)	17.	29.0	73.7 (XLL)

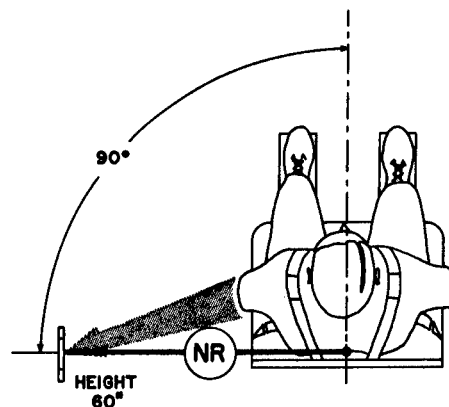
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle from Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

90° to the
must be placed no

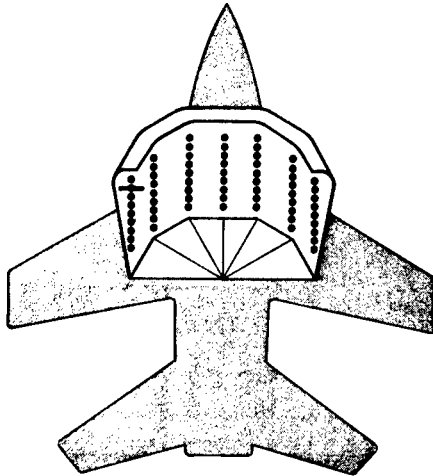
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	14.0	35.6 (SS)	4.	22.5	57.2 (SL)	6.	6.5	16.5 (MR)	8.	22.0	55.9 (ML)
2.	9.5	24.1 (SR)	5.	16.5	41.9 (SL)	7.	—	— (MS)	9.	21.5	54.6 (ML)
3.	13.0	33.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	14.0	35.6 (LR)	12.	25.0	63.5 (LL)	14.	17.0	43.2 (XLR)	16.	22.0	55.9 (XLL)
11.	—	— (ML)	13.	19.5	49.5 (LL)	15.	18.0	45.7 (LR)	17.	21.0	53.3 (XLL)

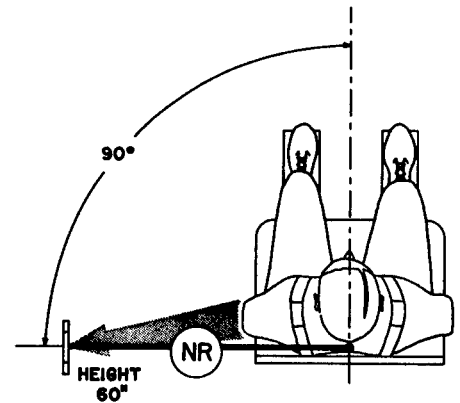
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle from Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate the
LEFT of
f-

90° to the
must be placed no

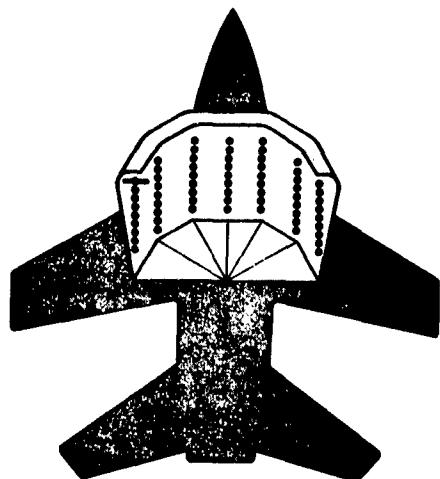
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	13.0	33.0 (SS)	4.	19.0	48.3 (SL)	6.	4.0	10.2 (MR)	8.	16.0	40.6 (ML)
2.	10.5	26.7 (SR)	5.	8.5	21.6 (SL)	7.	—	— (MS)	9.	22.5	57.2 (ML)
3.	14.0	35.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	16.0	40.6 (LR)	12.	21.0	53.3 (LL)	14.	14.5	36.8 (XLR)	16.	22.0	55.9 (XLL)
11.	—	— (ML)	13.	17.0	43.2 (LL)	15.	11.5	29.2 (LR)	17.	19.0	48.3 (XLL)

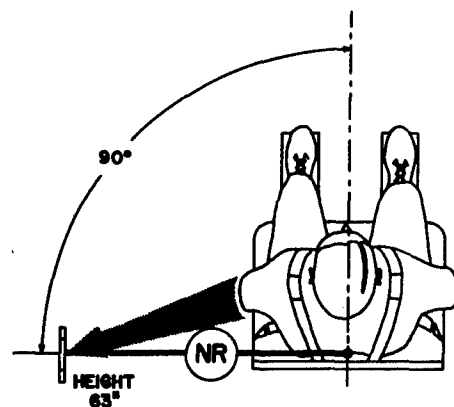
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle from Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
f-
90° to the
must be placed no

NOT RECOMMENDED

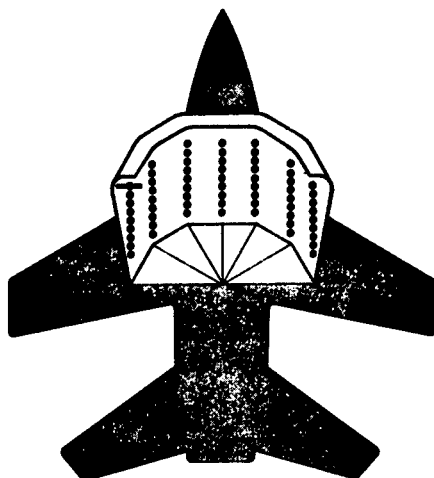
SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	10.0	25.4 (SL)	6.	—	— (MR)	8.	8.5	21.6 (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	— (LR)	12.	16.5	41.9 (LL)	14.	—	— (XLR)	16.	10.5	26.7 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	9.0	22.9 (XLL)

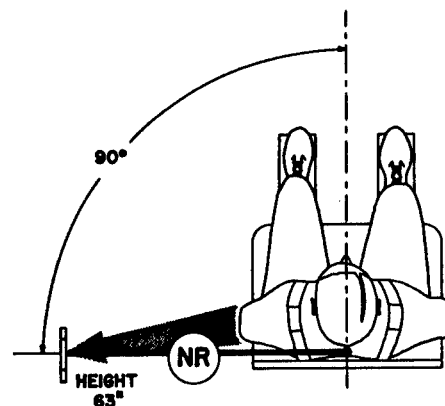
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle from Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

90° to the
must be placed no

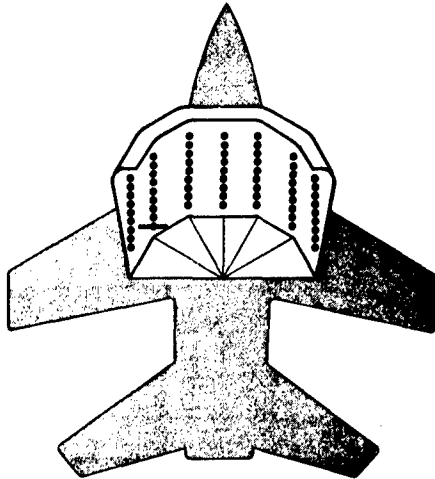
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	— (SS)	4.	—	— (SL)	6.	—	— (MR)	8.	13.5	34.3 (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	— (LR)	12.	13.0	33.0 (LL)	14.	—	— (XLR)	16.	9.5	24.1 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	—	— (XLL)

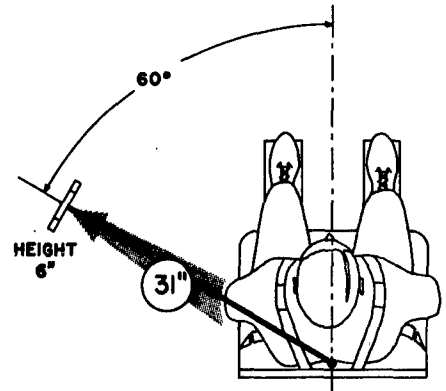
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

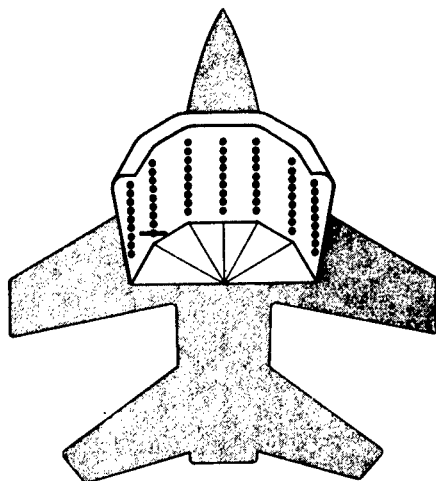
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1 (SS)	4.	41.5	105.4 (SL)	6.	31.5	80.0 (MR)	8.	40.0	101.6 (ML)
2.	37.5	95.3 (SR)	5.	37.0	94.0 (SL)	7.	37.0	94.0 (MS)	9.	40.0	101.6 (ML)
3.	39.0	99.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.0	106.7 (LR)	12.	40.0	101.6 (LL)	14.	43.0	109.2 (XLR)	16.	44.5	113.0 (XLL)
11.	35.0	88.9 (ML)	13.	42.0	106.7 (LL)	15.	44.0	111.8 (LR)	17.	43.0	109.2 (XLL)

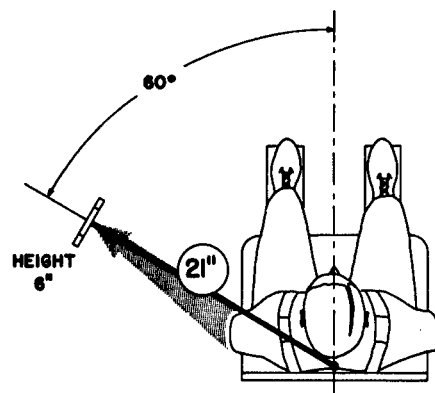
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

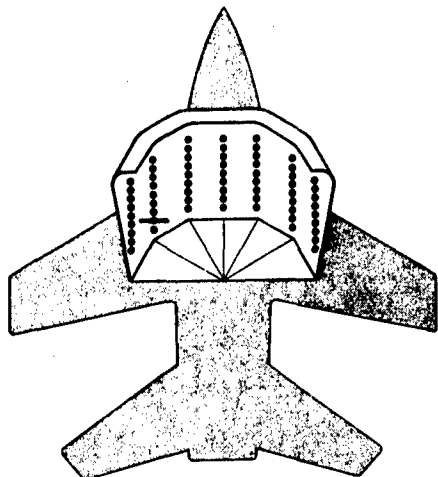
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	25.0	63.5 (SS)	4.	31.0	78.7 (SL)	6.	22.0	55.9 (MR)	8.	27.0	68.6 (ML)
2.	25.5	64.8 (SR)	5.	22.0	55.9 (SL)	7.	21.0	53.3 (MS)	9.	30.0	76.2 (ML)
3.	28.0	71.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	29.0	73.7 (LR)	12.	29.5	74.9 (LL)	14.	31.5	80.0 (XLR)	16.	33.0	83.8 (XLL)
11.	26.5	67.3 (ML)	13.	30.0	76.2 (LL)	15.	34.5	87.6 (LR)	17.	32.5	82.6 (XLL)

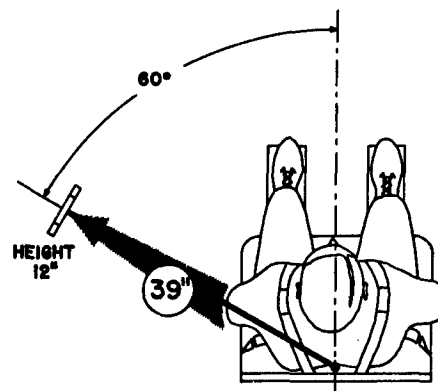
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

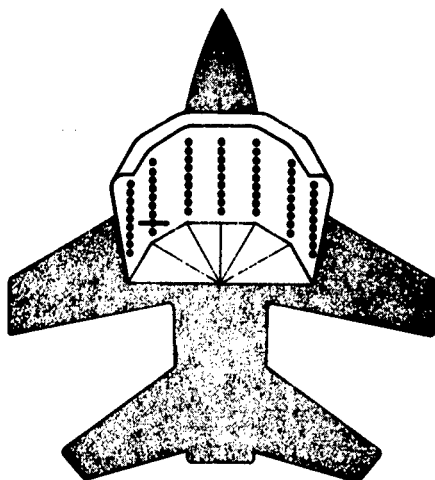
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 39" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.5	105.4 (SS)	4.	45.0	114.3 (SL)	6.	39.5	100.3 (MR)	8.	43.0	109.2 (ML)
2.	41.5	105.4 (SR)	5.	41.0	104.1 (SL)	7.	40.0	101.6 (MS)	9.	44.0	111.8 (ML)
3.	42.0	106.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	45.0	114.3 (LR)	12.	44.0	111.8 (LL)	14.	46.0	116.8 (XLR)	16.	47.0	119.4 (XLL)
11.	39.0	99.1 (ML)	13.	45.0	114.3 (LL)	15.	46.5	118.1 (LR)	17.	46.0	116.8 (XLL)

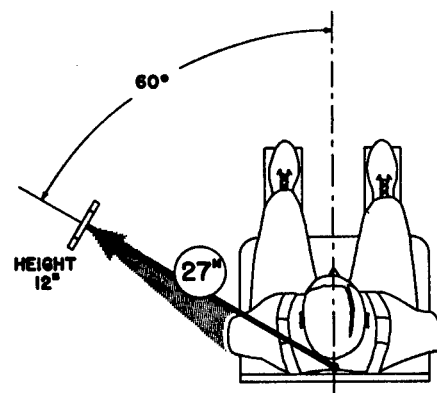
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

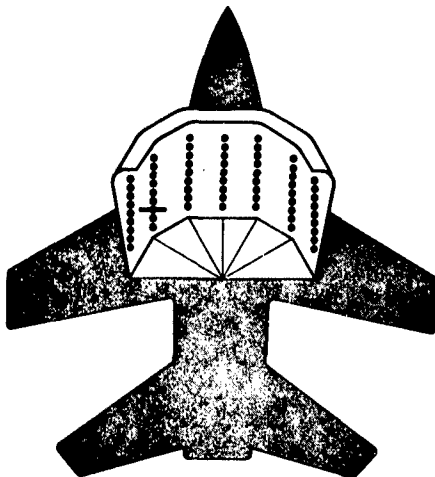
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.5	77.5 (SS)	4.	34.5	87.6 (SL)	6.	29.0	73.7 (MR)	8.	32.0	81.3 (ML)
2.	30.5	77.5 (SR)	5.	28.5	72.4 (SL)	7.	27.5	69.9 (MS)	9.	34.0	86.4 (ML)
3.	32.5	82.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.0	83.8 (LR)	12.	34.0	86.4 (LL)	14.	36.0	91.4 (XLR)	16.	37.0	94.0 (XLL)
11.	32.0	81.3 (ML)	13.	34.0	86.4 (LL)	15.	38.0	96.5 (LR)	17.	37.5	95.3 (XLL)

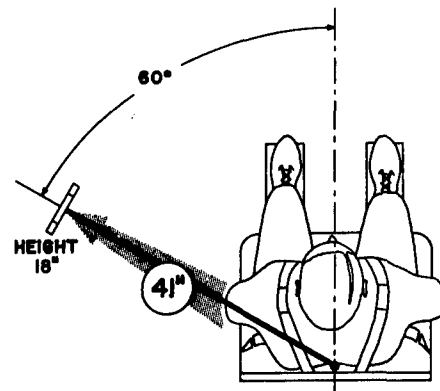
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

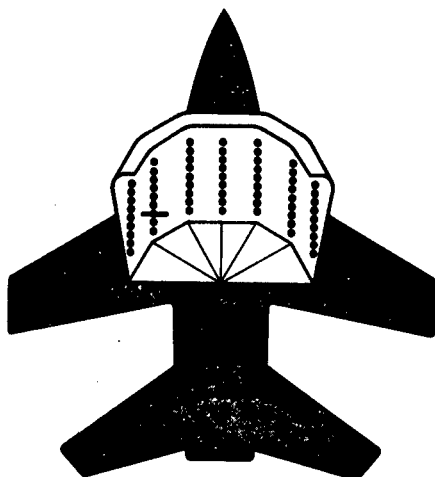
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 41" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2 (SS)	4.	46.0	116.8 (SL)	6.	41.5	105.4 (MR)	8.	45.0	114.3 (ML)
2.	44.0	111.8 (SR)	5.	43.0	109.2 (SL)	7.	41.5	105.4 (MS)	9.	46.0	116.8 (ML)
3.	44.0	111.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	46.0	116.8 (LR)	12.	46.0	116.8 (LL)	14.	47.0	119.4 (XLR)	16.	48.5	123.2 (XLL)
11.	42.0	106.7 (ML)	13.	46.5	118.1 (LL)	15.	48.5	123.2 (LR)	17.	47.5	120.7 (XLL)

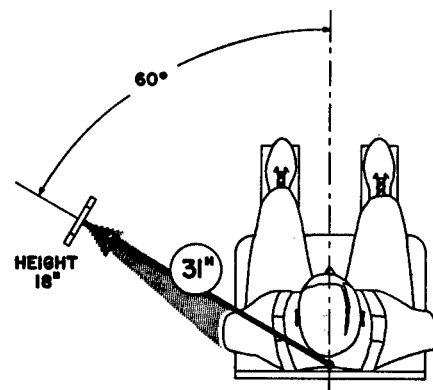
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 31" from XSRP.

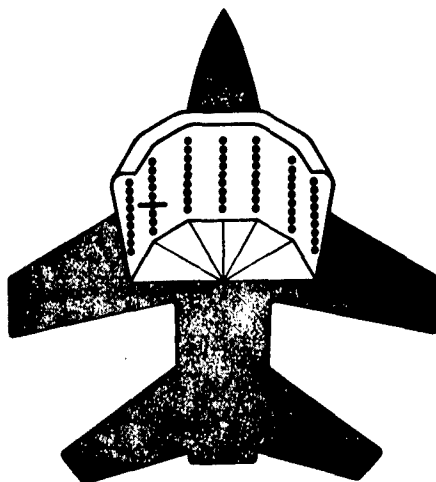
SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.0	83.8 (SS)	4.	36.5	92.7 (SL)	6.	33.0	83.8 (MR)	8.	35.0	88.9 (ML)
2.	34.5	87.6 (SR)	5.	32.0	81.3 (SL)	7.	31.5	80.0 (MS)	9.	37.5	95.3 (ML)
3.	35.5	90.2 (SR)									

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	36.0	91.4 (LR)	12.	37.0	94.0 (LL)	14.	38.5	97.8 (XLR)	16.	39.5	100.3 (XLL)
11.	34.5	87.6 (ML)	13.	37.0	94.0 (LL)	15.	40.0	101.6 (LR)	17.	40.0	101.6 (XLL)

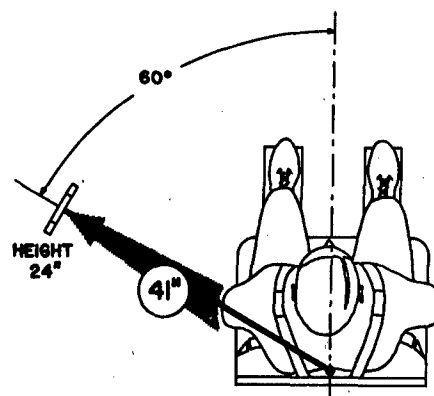
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

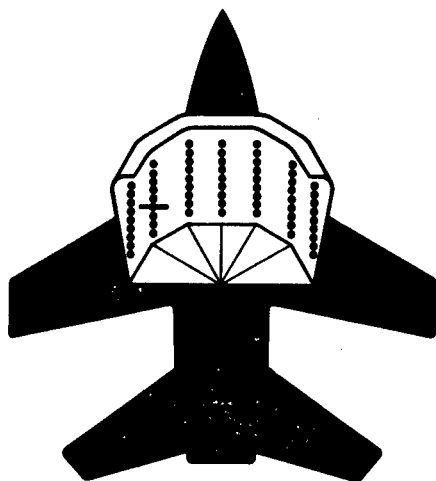
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 41" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2 (SS)	4.	46.5	118.1 (SL)	6.	41.5	105.4 (MR)	8.	46.0	116.8 (ML)
2.	44.5	113.0 (SR)	5.	44.5	113.0 (SL)	7.	42.5	108.0 (MS)	9.	47.0	119.4 (ML)
3.	44.5	113.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	46.0	116.8 (LR)	12.	47.5	120.7 (LL)	14.	48.0	121.9 (XLR)	16.	48.5	123.2 (XLL)
11.	43.0	109.2 (ML)	13.	48.5	123.2 (LL)	15.	46.0	116.8 (LR)	17.	49.0	124.5 (XLL)

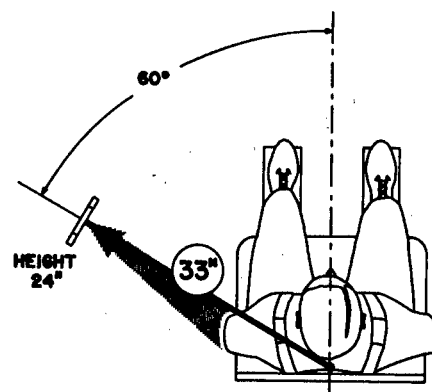
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

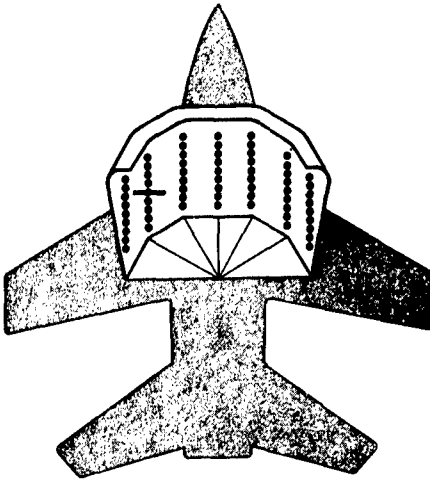
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4 (SS)	4.	38.0	96.5 (SL)	6.	34.5	87.6 (MR)	8.	37.0	94.8 (ML)
2.	36.0	91.4 (SR)	5.	34.0	86.4 (SL)	7.	33.0	83.8 (MS)	9.	38.5	98.0 (ML)
3.	37.5	95.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.0	94.0 (LR)	12.	38.5	97.8 (LL)	14.	40.0	101.6 (XLR)	16.	41.0	104.1 (XLL)
11.	37.0	94.0 (ML)	13.	38.0	96.5 (LL)	15.	42.0	106.7 (LR)	17.	41.5	105.4 (XLL)

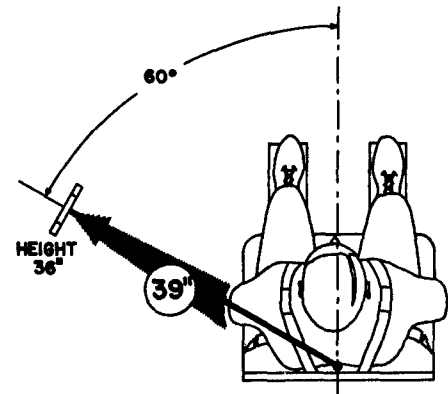
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 39" from XSRP.

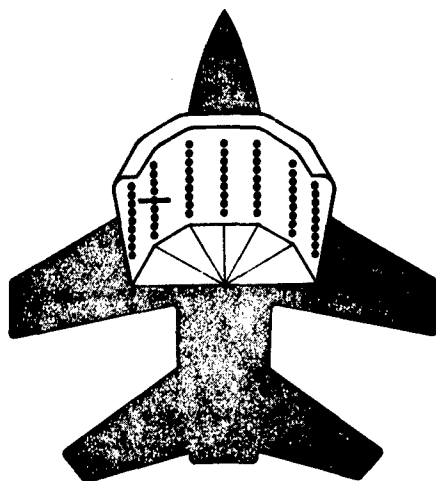
SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	40.0	101.6 (SS)	4.	46.5	118.1 (SL)	6.	39.0	99.1 (MR)	8.	43.0	109.2 (ML)
2.	43.5	110.5 (SR)	5.	43.0	109.2 (SL)	7.	40.0	101.6 (MS)	9.	45.5	115.6 (ML)
3.	43.0	109.2 (SR)									

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	43.0	109.2 (LR)	12.	46.0	116.8 (LL)	14.	45.5	115.6 (XLR)	16.	46.5	118.1 (XLL)
11.	40.0	101.6 (ML)	13.	45.5	115.6 (LL)	15.	45.5	115.6 (LR)	17.	46.0	116.8 (XLL)

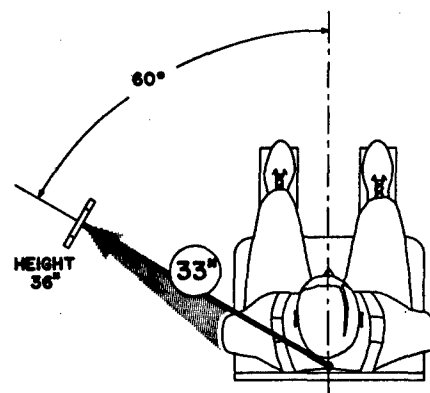
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

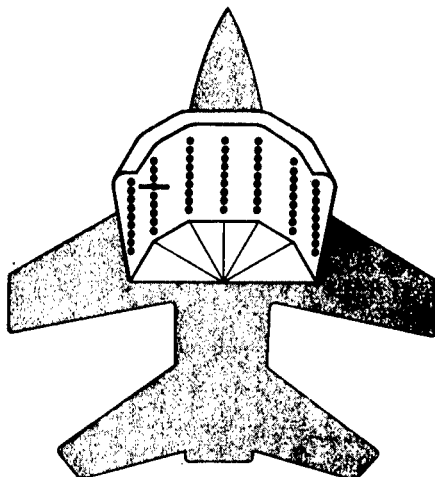
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4 (SS)	4.	36.5	92.7 (SL)	6.	35.5	90.2 (MR)	8.	37.0	94.0 (ML)
2.	36.0	91.4 (SR)	5.	34.0	86.4 (SL)	7.	33.5	85.1 (MS)	9.	38.5	97.8 (ML)
3.	36.5	92.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	36.0	91.4 (LR)	12.	38.5	97.8 (LL)	14.	38.5	97.8 (XLR)	16.	40.0	101.6 (XLL)
11.	37.0	94.0 (ML)	13.	38.0	96.5 (LL)	15.	42.0	106.7 (LR)	17.	41.5	105.4 (XLL)

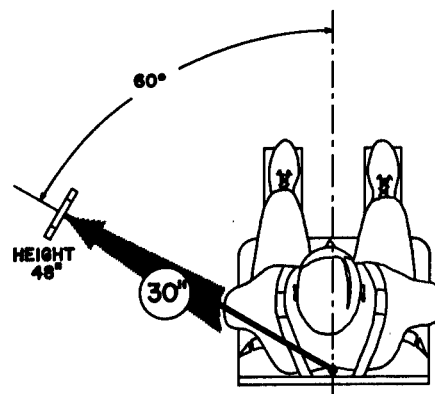
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

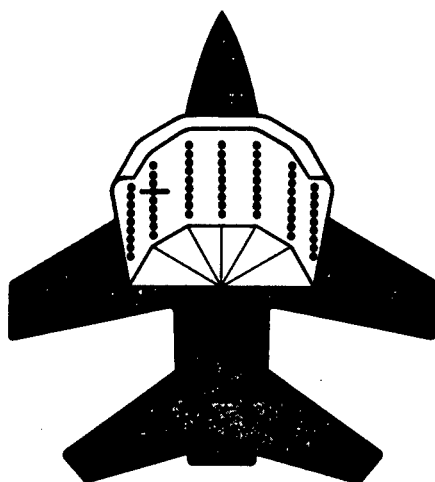
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4 (SS)	4.	39.5	100.3 (SL)	6.	31.5	80.0 (MR)	8.	36.0	91.4 (ML)
2.	34.0	86.4 (SR)	5.	34.5	87.6 (SL)	7.	30.0	76.2 (MS)	9.	39.0	99.1 (ML)
3.	36.0	91.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	36.5	92.7 (LR)	12.	38.5	97.8 (LL)	14.	37.0	94.0 (XLR)	16.	40.0	101.6 (XLL)
11.	34.0	86.4 (ML)	13.	39.0	99.1 (LL)	15.	37.0	94.0 (LR)	17.	38.5	97.8 (XLL)

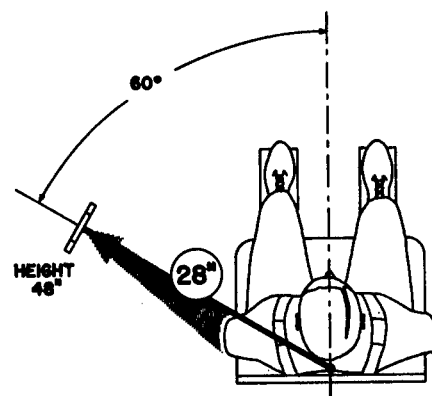
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

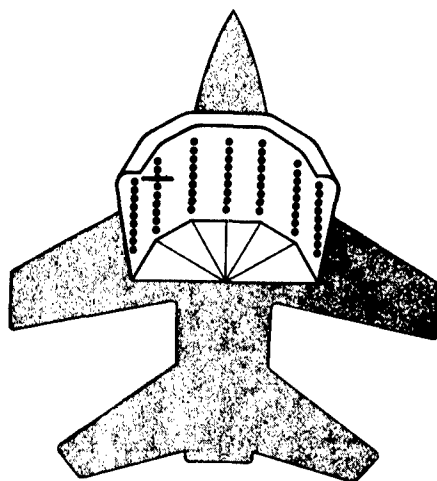
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.5	74.9 (SS)	4.	31.5	80.0 (SL)	6.	30.0	76.2 (MR)	8.	30.5	77.5 (ML)
2.	29.0	73.7 (SR)	5.	30.0	76.2 (SL)	7.	28.5	72.4 (MS)	9.	32.5	82.6 (ML)
3.	32.0	81.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7 (LR)	12.	34.5	87.6 (LL)	14.	33.0	83.8 (XLR)	16.	35.5	90.2 (XLL)
11.	31.0	78.7 (ML)	13.	31.0	78.7 (LL)	15.	31.5	80.0 (LR)	17.	32.0	81.3 (XLL)

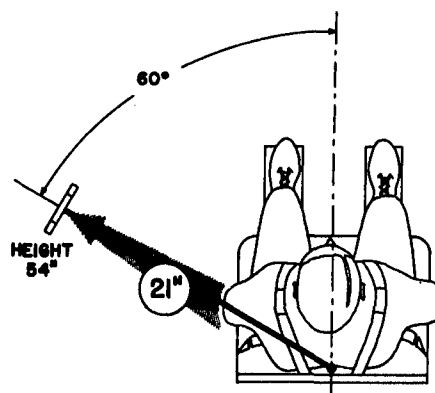
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

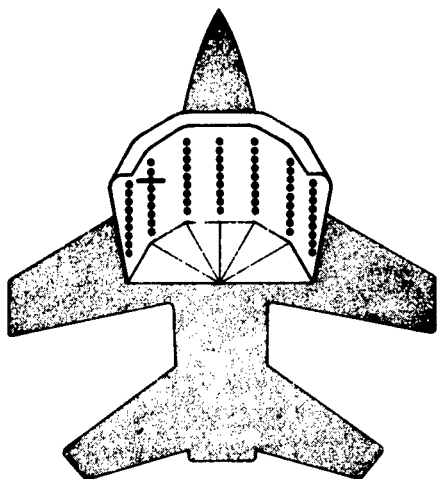
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 54" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1 (SS)	4.	31.5	80.0 (SL)	6.	26.0	66.0 (MR)	8.	30.0	76.2 (ML)
2.	27.5	69.9 (SR)	5.	29.5	74.9 (SL)	7.	21.5	54.6 (MS)	9.	33.5	85.1 (ML)
3.	28.0	71.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	29.0	73.7 (LR)	12.	33.0	83.8 (LL)	14.	30.0	76.2 (XLR)	16.	33.5	85.1 (XLL)
11.	28.0	71.1 (ML)	13.	30.5	77.5 (LL)	15.	29.5	74.9 (LR)	17.	31.0	78.7 (XLL)

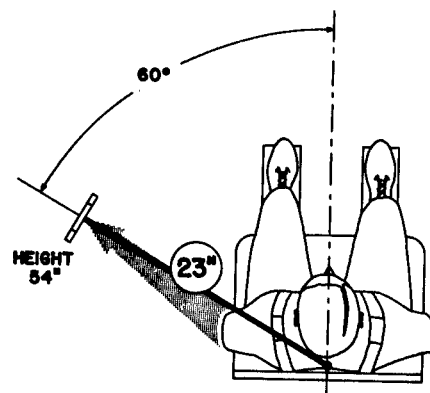
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

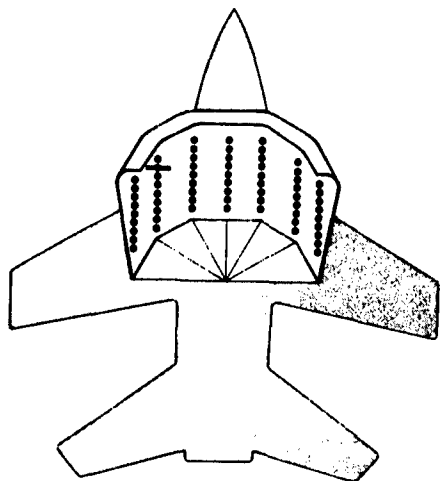
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 54" above the deck the knob must be placed no further than 23" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	23.0	58.4 (SS)	4.	26.0	66.0 (SL)	6.	25.0	63.5 (MR)	8.	24.0	61.0 (ML)
2.	24.5	62.2 (SR)	5.	24.5	62.2 (SL)	7.	23.0	58.4 (MS)	9.	27.5	69.9 (ML)
3.	26.5	67.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	24.0	61.0 (LR)	12.	28.0	71.1 (LL)	14.	28.0	71.1 (XLR)	16.	29.0	73.7 (XLL)
11.	25.5	64.8 (ML)	13.	27.0	68.6 (LL)	15.	25.5	64.8 (LR)	17.	28.0	71.1 (XLL)

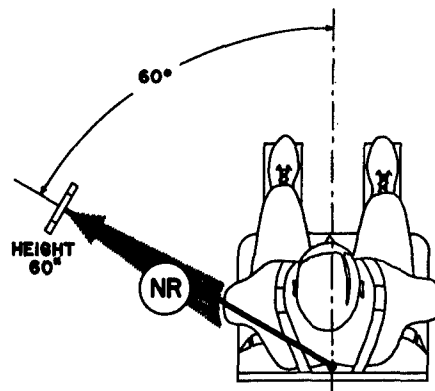
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

placed 60° to the
must be placed no

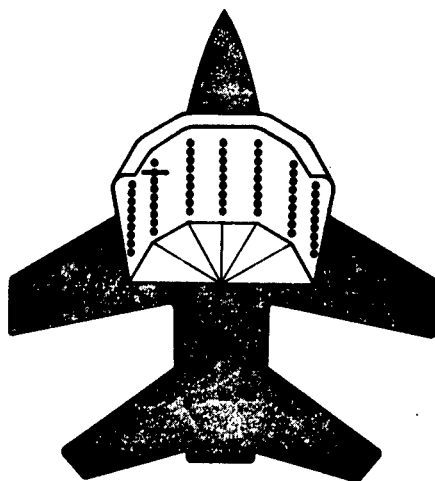
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	17.5	44.5 (SS)	4.	21.5	54.6 (SL)	6.	9.0	22.9 (MR)	8.	19.0	48.3 (ML)
2.	10.0	25.4 (SR)	5.	9.5	24.1 (SL)	7.	—	— (MS)	9.	24.5	62.2 (ML)
3.	16.0	40.6 (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	16.0	40.6 (LR)	12.	13.0	33.0 (LL)	14.	15.0	38.1 (XLR)	16.	25.5	64.8 (XLL)
11.	—	— (ML)	13.	18.0	45.7 (LL)	15.	19.5	49.5 (LR)	17.	22.0	55.9 (XLL)

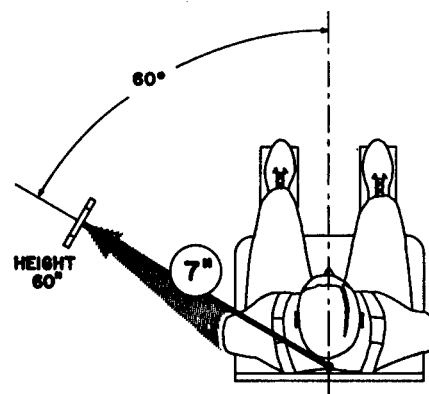
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

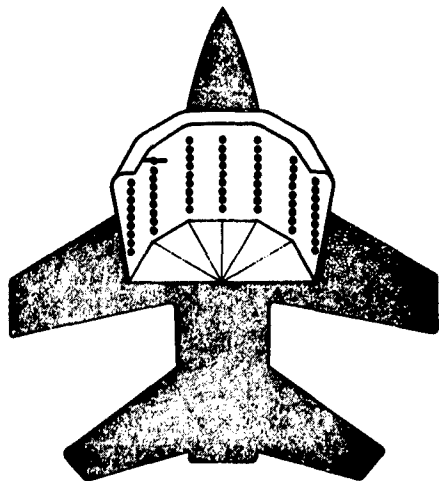
To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 60" above the deck the knob must be placed no further than 7" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	12.0	30.5 (SS)	4.	16.0	40.6 (SL)	6.	8.0	20.3 (MR)	8.	17.5	44.5 (ML)
2.	9.0	22.9 (SR)	5.	7.0	17.8 (SL)	7.	9.0	22.9 (MS)	9.	19.5	49.5 (ML)
3.	15.0	38.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	14.5	36.8 (LR)	12.	19.0	48.3 (LL)	14.	14.0	35.6 (XLR)	16.	20.0	50.8 (XLL)
11.	—	— (ML)	13.	16.5	41.9 (LL)	15.	11.0	27.9 (LR)	17.	18.0	45.7 (XLL)

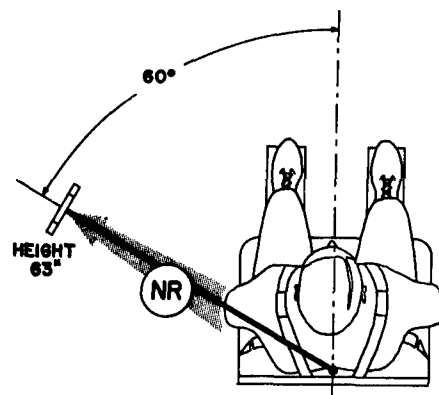
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

60° to the
must be placed no

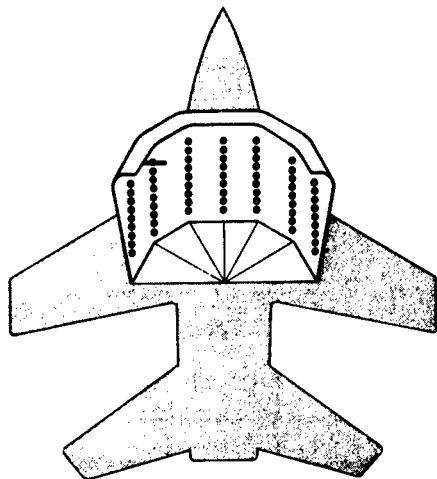
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	9.0	22.9 (SL)	6.	—	— (MR)	8.	—	— (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	— (LR)	12.	17.0	43.2 (LL)	14.	—	— (XLR)	16.	9.5	24.1 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	7.0	17.8 (XLL)

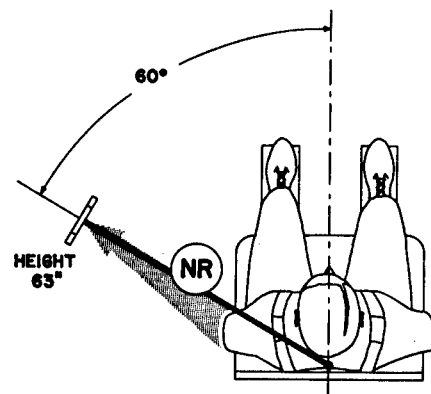
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

60° to the
must be placed no

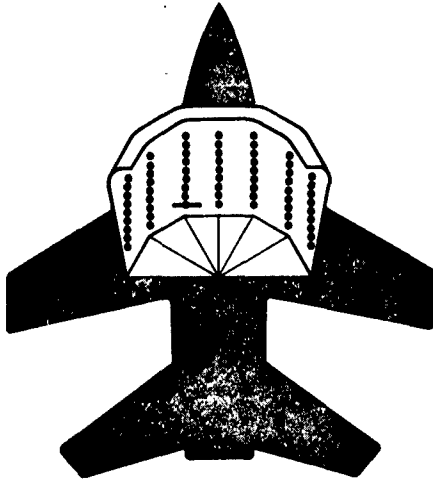
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	— (SS)	4.	—	— (SL)	6.	—	— (MR)	8.	10.5	2.67 (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	— (LR)	12.	12.0	30.5 (LL)	14.	—	— (XLR)	16.	8.5	21.6 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	—	— (XLL)

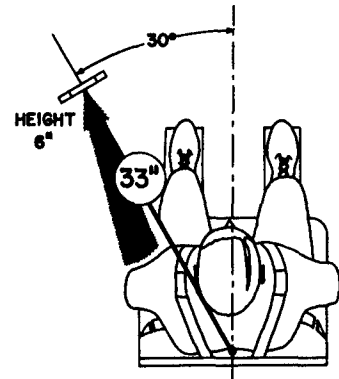
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

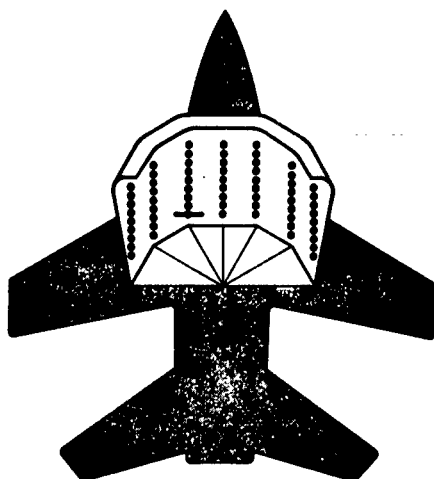
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	37.5	95.3 (SS)	4.	40.0	101.6 (SL)	6.	38.0	83.8 (MR)	8.	36.5	92.7 (ML)
2.	36.0	91.4 (SR)	5.	35.0	88.9 (SL)	7.	34.5	87.6 (MS)	9.	37.0	94.0 (ML)
3.	37.0	94.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	39.5	100.3 (LR)	12.	39.0	99.1 (LL)	14.	39.0	99.1 (XLR)	16.	40.5	102.9 (XLL)
11.	34.5	87.6 (ML)	13.	39.5	100.3 (LL)	15.	41.0	104.1 (LR)	17.	42.0	106.7 (XLL)

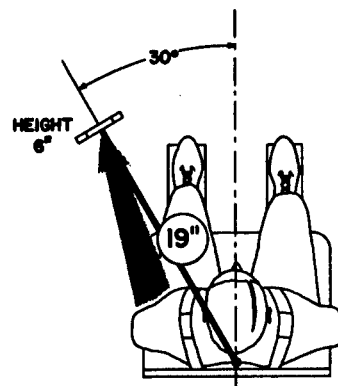
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

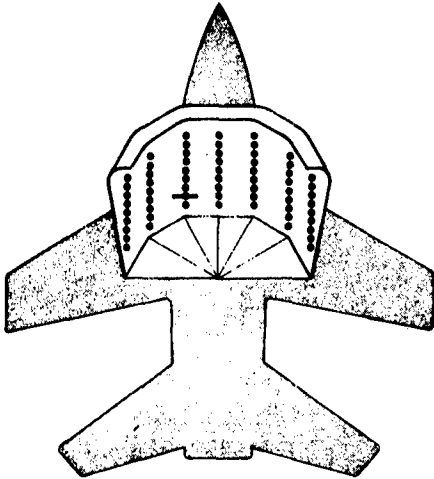
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 19" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	20.0	50.8 (SS)	4.	29.0	73.7 (SL)	6.	19.5	49.5 (MR)	8.	23.5	59.7 (ML)
2.	21.0	53.3 (SR)	5.	20.0	50.8 (SL)	7.	—	— (MS)	9.	27.0	68.6 (ML)
3.	25.0	63.5 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.0	68.6 (LR)	12.	27.0	68.6 (LL)	14.	27.5	69.9 (XLR)	16.	28.0	71.1 (XLL)
11.	21.5	54.6 (ML)	13.	26.5	67.3 (LL)	15.	27.0	68.6 (LR)	17.	31.0	78.7 (XLL)

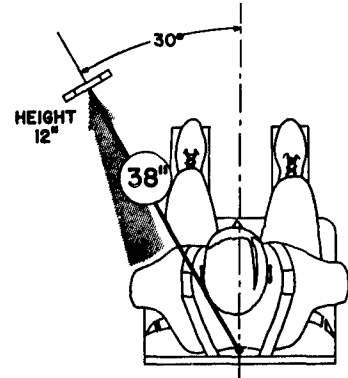
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

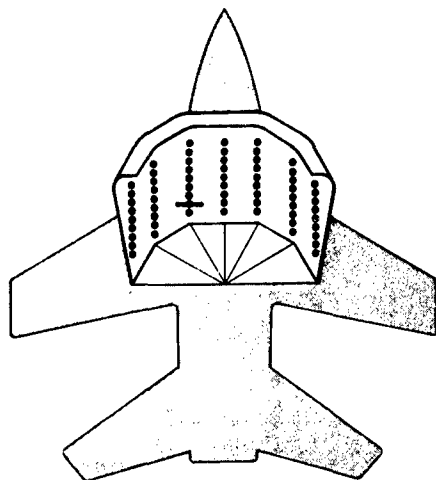
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 38" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	40.5	102.9 (SS)	4.	42.5	108.0 (SL)	6.	38.5	97.8 (MR)	8.	40.5	102.9 (ML)
2.	39.0	99.1 (SR)	5.	40.0	101.6 (SL)	7.	39.0	99.1 (MS)	9.	42.0	106.7 (ML)
3.	40.5	102.9 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	43.0	109.2 (LR)	12.	42.5	108.0 (LL)	14.	42.5	108.0 (XLR)	16.	44.0	111.8 (XLL)
11.	38.5	97.8 (ML)	13.	43.0	109.2 (LL)	15.	44.0	111.8 (LR)	17.	45.0	114.3 (XLL)

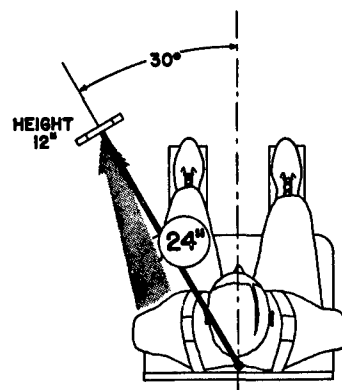
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

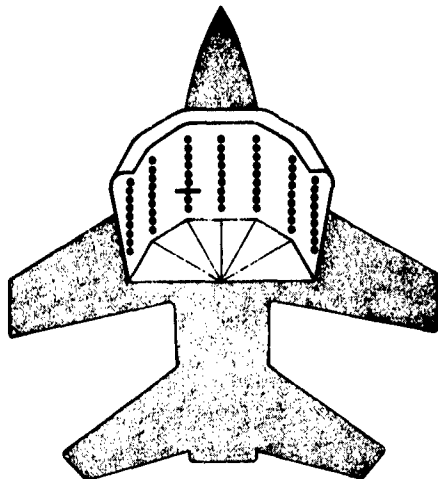
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	27.0	68.6 (SS)	4.	32.0	81.3 (SL)	6.	25.0	63.5 (MR)	8.	29.0	73.7 (ML)
2.	27.0	68.6 (SR)	5.	26.0	66.0 (SL)	7.	24.0	61.0 (MS)	9.	31.0	78.7 (ML)
3.	31.0	78.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.0	81.3 (LR)	12.	31.0	78.7 (LL)	14.	32.5	82.6 (XLR)	16.	32.5	82.6 (XLL)
11.	27.0	68.6 (ML)	13.	30.0	76.2 (LL)	15.	32.5	82.6 (LR)	17.	35.0	88.9 (XLL)

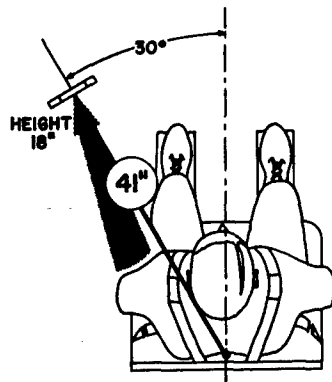
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

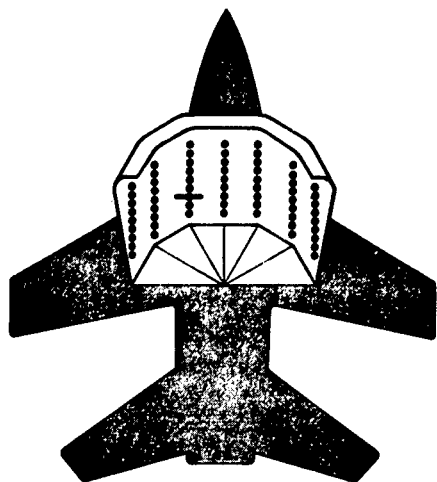
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 41" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.0	106.7 (SS)	4.	44.5	113.0 (SL)	6.	42.0	106.7 (MR)	8.	43.0	109.2 (ML)
2.	41.5	105.4 (SR)	5.	42.0	106.7 (SL)	7.	41.5	105.4 (MS)	9.	44.5	113.0 (ML)
3.	42.0	106.7 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	44.5	113.0 (LR)	12.	45.0	114.3 (LL)	14.	44.5	113.0 (XLR)	16.	46.0	116.8 (XLL)
11.	41.5	105.4 (ML)	13.	45.0	114.3 (LL)	15.	45.5	115.6 (LR)	17.	47.0	119.4 (XLL)

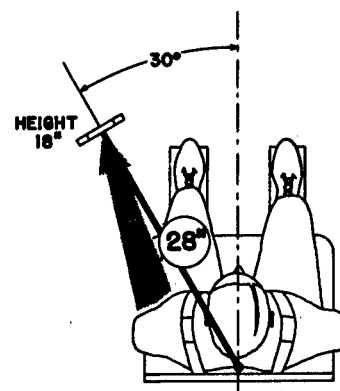
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

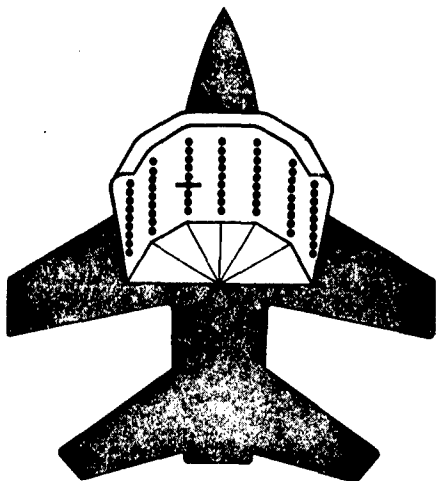
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2 (SS)	4.	34.5	87.6 (SL)	6.	30.0	76.2 (MR)	8.	32.5	82.6 (ML)
2.	32.0	81.3 (SR)	5.	30.0	76.2 (SL)	7.	28.0	71.1 (MS)	9.	34.5	87.6 (ML)
3.	34.0	86.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4 (LR)	12.	34.5	87.6 (LL)	14.	36.0	91.4 (XLR)	16.	36.0	91.4 (XLL)
11.	31.5	80.0 (ML)	13.	33.5	85.1 (LL)	15.	35.0	88.9 (LR)	17.	38.0	96.5 (XLL)

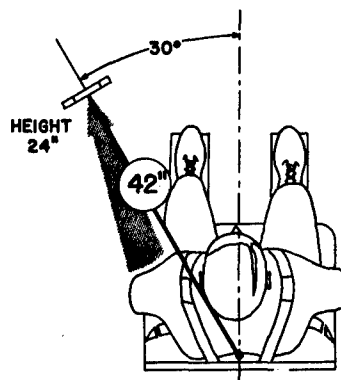
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

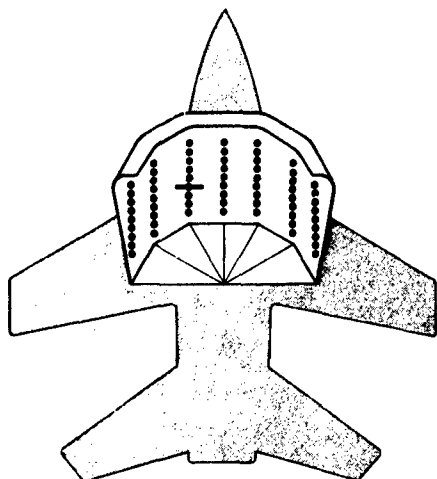
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 42" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2 (SS)	4.	45.0	114.3 (SL)	6.	42.0	106.7 (MR)	8.	44.5	113.0 (ML)
2.	42.5	108.0 (SR)	5.	43.0	109.2 (SL)	7.	42.5	108.0 (MS)	9.	45.5	115.6 (ML)
3.	43.0	109.2 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	45.0	114.3 (LR)	12.	47.0	119.4 (LL)	14.	45.0	114.3 (XLR)	16.	46.5	118.1 (XLL)
11.	42.5	108.0 (ML)	13.	46.0	116.8 (LL)	15.	46.0	116.8 (LR)	17.	48.0	121.9 (XLL)

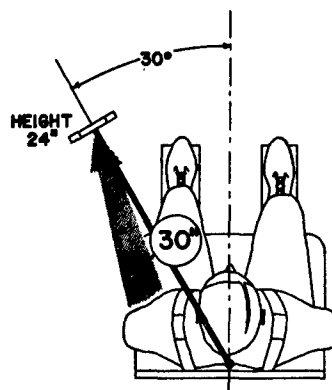
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

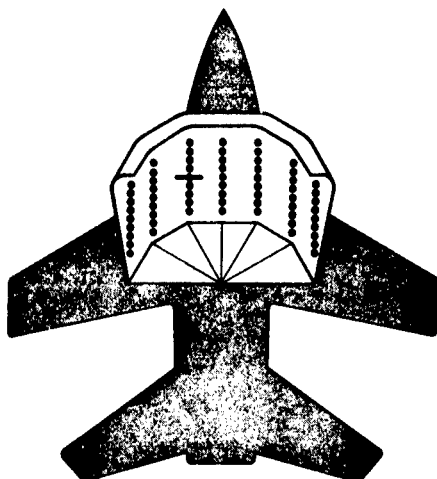
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3 (SS)	4.	35.5	90.2 (SL)	6.	31.5	80.0 (MR)	8.	34.5	87.6 (ML)
2.	33.5	85.1 (SR)	5.	31.5	80.0 (SL)	7.	30.0	76.2 (MS)	9.	36.0	91.4 (ML)
3.	35.0	88.9 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.5	90.2 (LR)	12.	35.5	90.2 (LL)	14.	37.0	94.0 (XLR)	16.	37.5	95.3 (XLL)
11.	33.0	83.8 (ML)	13.	35.0	88.9 (LL)	15.	36.5	92.7 (LR)	17.	39.5	100.3 (XLL)

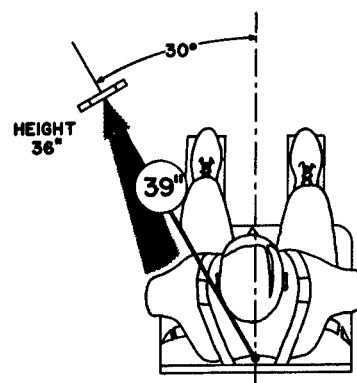
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

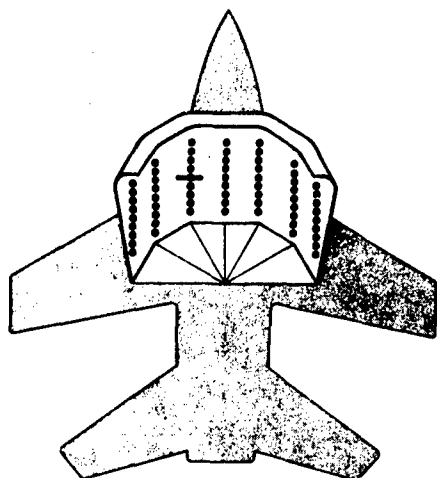
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 39" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.5	105.4 (SS)	4.	44.5	113.0 (SL)	6.	40.5	102.9 (MR)	8.	42.0	106.7 (ML)
2.	40.5	102.9 (SR)	5.	41.5	105.4 (SL)	7.	39.5	100.3 (MS)	9.	44.0	111.8 (ML)
3.	41.0	104.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.5	108.0 (LR)	12.	44.5	113.0 (LL)	14.	43.0	109.2 (XLR)	16.	44.5	113.0 (XLL)
11.	39.5	100.3 (ML)	13.	44.0	111.8 (LL)	15.	44.0	111.8 (LR)	17.	45.0	114.3 (XLL)

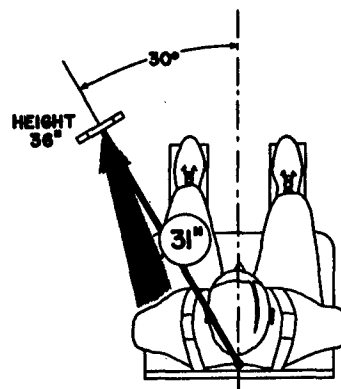
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

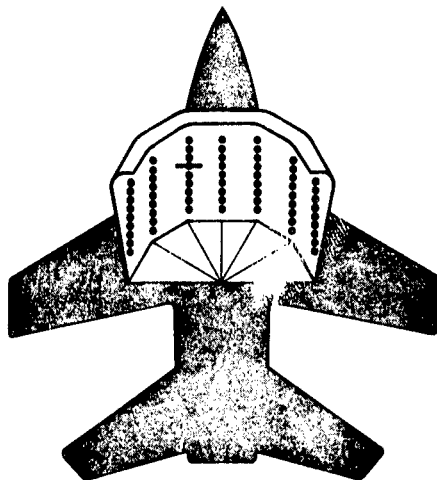
To manipulate with the LEFT hand a rotary knob located 30° to the LEFT of center and 36" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.5	82.6 (SS)	4.	35.0	88.9 (SL)	6.	32.5	82.6 (MR)	8.	34.5	87.6 (ML)
2.	33.5	85.1 (SR)	5.	32.0	81.3 (SL)	7.	31.0	78.7 (MS)	9.	36.0	91.4 (ML)
3.	34.5	87.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.0	88.9 (LR)	12.	35.5	90.2 (LL)	14.	36.0	91.4 (XLR)	16.	37.5	95.3 (XLL)
11.	34.0	86.4 (ML)	13.	35.0	88.9 (LL)	15.	36.0	91.4 (LR)	17.	38.0	96.5 (XLL)

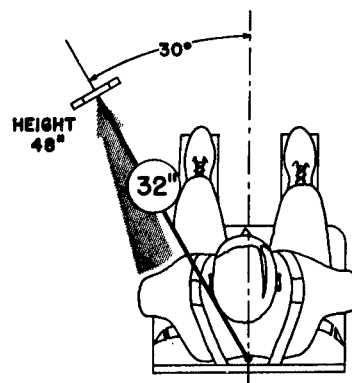
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

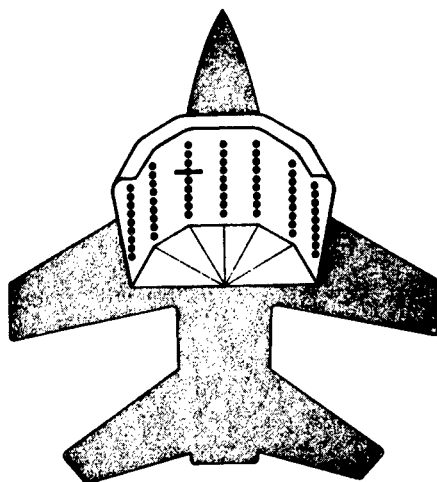
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.5	87.6 (SS)	4.	37.5	95.3 (SL)	6.	32.5	82.6 (MR)	8.	35.0	88.9 (ML)
2.	32.5	82.6 (SR)	5.	34.0	86.4 (SL)	7.	32.5	82.6 (MS)	9.	38.0	96.5 (ML)
3.	34.0	86.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.5	87.6 (LR)	12.	38.0	96.5 (LL)	14.	34.5	87.6 (XLR)	16.	38.5	97.8 (XLL)
11.	33.0	83.8 (ML)	13.	34.5	87.6 (LL)	15.	35.5	90.2 (LR)	17.	38.0	96.5 (XLL)

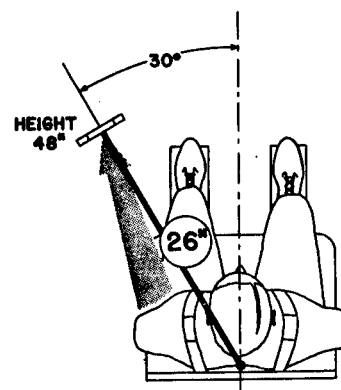
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

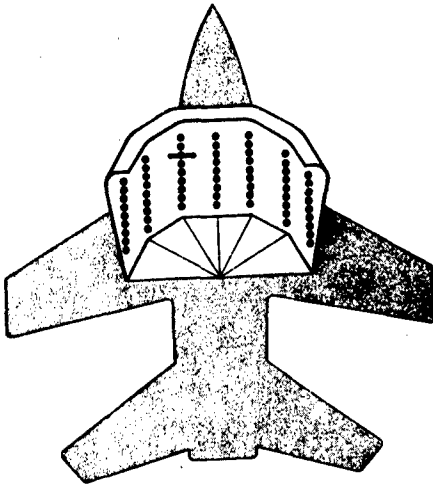
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 26" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	27.0	68.6 (SS)	4.	29.5	74.9 (SL)	6.	26.0	66.0 (MR)	8.	29.0	73.7 (ML)
2.	29.0	73.7 (SR)	5.	27.0	68.6 (SL)	7.	29.0	73.7 (MS)	9.	31.5	80.0 (ML)
3.	30.0	76.2 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.5	72.4 (LR)	12.	30.5	77.5 (LL)	14.	30.0	76.2 (XLR)	16.	32.0	81.3 (XLL)
11.	28.0	71.1 (ML)	13.	29.0	73.7 (LL)	15.	30.0	76.2 (LR)	17.	32.0	81.3 (XLL)

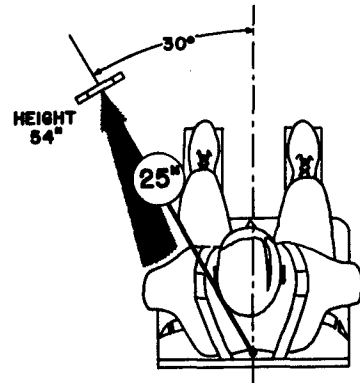
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

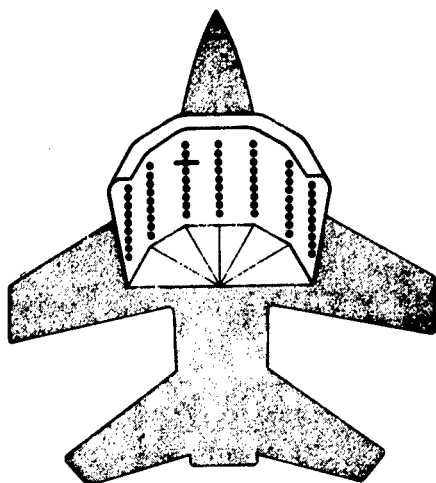
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 54" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.5	74.9 (SS)	4.	32.0	81.3 (SL)	6.	26.0	66.0 (MR)	8.	28.0	71.1 (ML)
2.	25.5	64.8 (SR)	5.	26.0	66.0 (SL)	7.	25.0	63.5 (MS)	9.	34.0	86.4 (ML)
3.	28.0	71.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.0	71.1 (LR)	12.	32.0	81.3 (LL)	14.	28.0	71.1 (XLR)	16.	33.0	83.8 (XLL)
11.	25.0	63.5 (ML)	13.	30.0	76.2 (LL)	15.	28.0	71.1 (LR)	17.	30.0	76.2 (XLL)

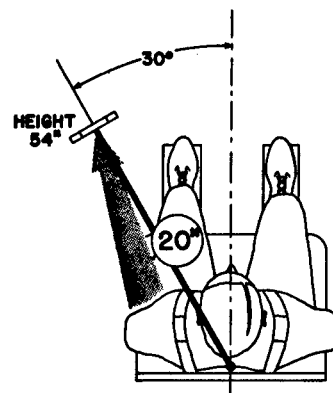
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

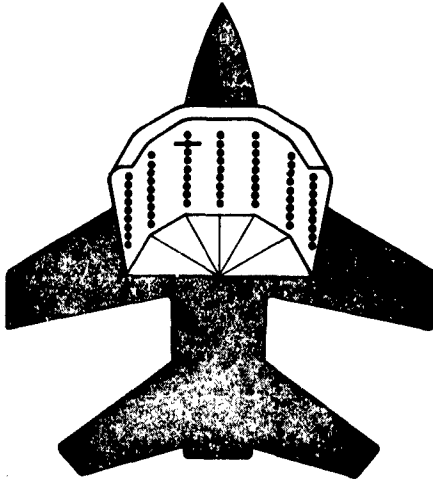
To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 54" above the deck the knob must be placed no further than 20" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	20.0	50.8 (SS)	4.	24.0	61.0 (SL)	6.	21.0	53.3 (MR)	8.	25.0	63.5 (ML)
2.	22.5	57.2 (SR)	5.	21.0	53.3 (SL)	7.	20.5	52.1 (MS)	9.	26.5	67.3 (ML)
3.	25.5	64.8 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	22.5	57.2 (LR)	12.	26.5	67.3 (LL)	14.	24.5	62.2 (XLR)	16.	26.5	67.3 (XLL)
11.	22.5	57.2 (ML)	13.	28.0	71.1 (LL)	15.	24.5	62.2 (LR)	17.	26.0	66.0 (XLL)

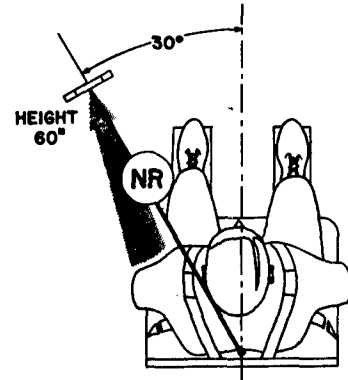
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the left hand, the knob must be placed no more than 30° to the left of the centerline.

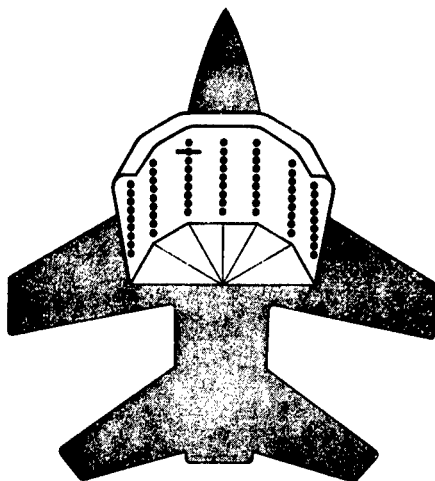
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	15.0	38.1 (SS)	4.	22.5	57.2 (SL)	6.	15.0	38.1 (MR)	8.	18.0	45.7 (ML)
2.	9.5	24.1 (SR)	5.	9.5	24.1 (SL)	7.	—	— (MS)	9.	24.0	61.0 (ML)
3.	15.5	39.4 (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	16.0	40.6 (LR)	12.	24.0	61.0 (LL)	14.	16.0	40.6 (XLR)	16.	22.0	55.9 (XLL)
11.	—	— (ML)	13.	18.5	47.0 (LL)	15.	18.0	45.7 (LR)	17.	22.0	55.9 (XLL)

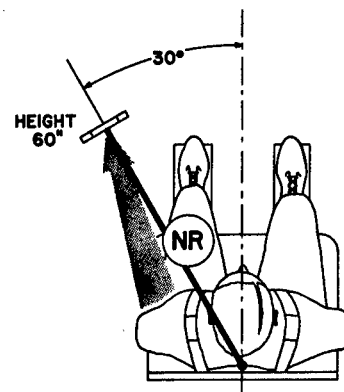
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

30° to the
must be placed no

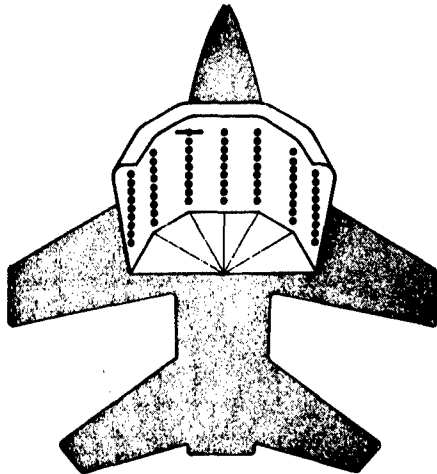
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	12.0	30.5 (SS)	4.	15.0	38.1 (SL)	6.	10.5	26.7 (MR)	8.	18.0	45.7 (ML)
2.	8.0	20.3 (SR)	5.	6.5	16.5 (SL)	7.	—	— (MS)	9.	18.0	45.7 (ML)
3.	14.0	35.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	11.0	27.9 (LR)	12.	18.0	45.7 (LL)	14.	13.0	33.0 (XLR)	16.	18.0	45.7 (XLL)
11.	—	— (ML)	13.	16.0	40.6 (LL)	15.	11.0	27.9 (LR)	17.	19.5	49.5 (XLL)

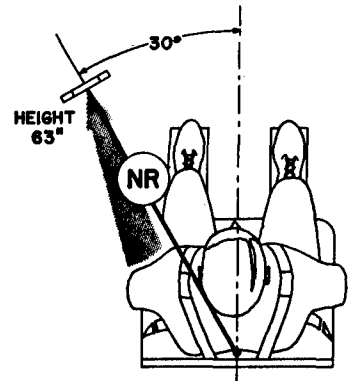
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

at 30° to the
must be placed no

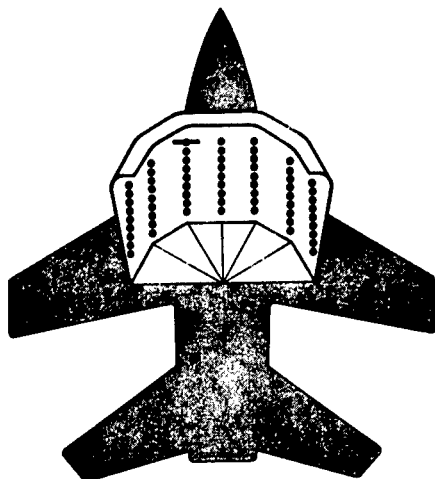
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	6.5	16.5 (SL)	6.	—	— (MR)	8.	—	— (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	— (LR)	12.	17.0	43.2 (LL)	14.	—	— (XLR)	16.	9.0	22.9 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	8.5	21.6 (XLL)

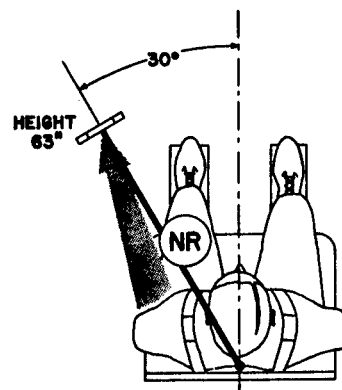
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

tilted 30° to the
knob must be placed no

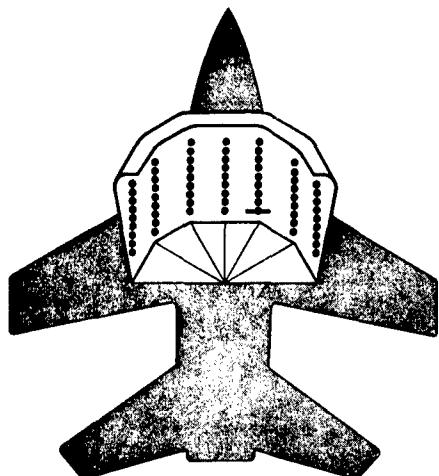
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	—	— (SL)	6.	—	— (MR)	8.	10.0	25.4 (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	— (LR)	12.	11.5	29.2 (LL)	14.	—	— (XLR)	16.	6.0	15.2 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	—	— (XLL)

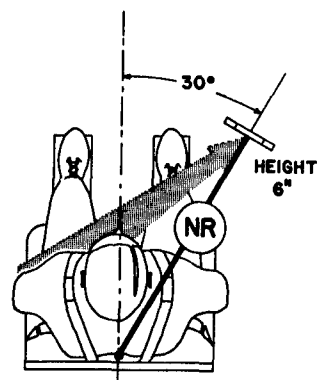
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

30° to the
must be placed no

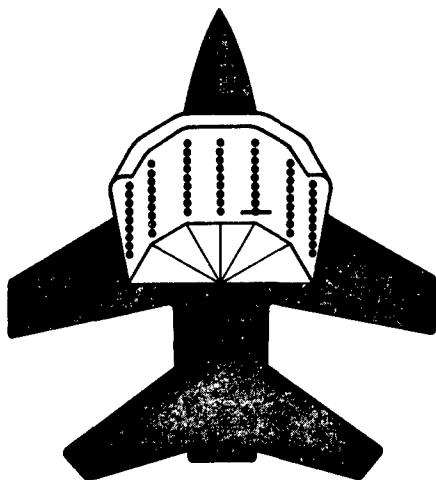
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	36.0	91.4 (SS)	4.	37.0	94.0 (SL)	6.	31.0	78.7 (MR)	8.	34.5	87.6 (ML)
2.	33.0	83.8 (SR)	5.	31.0	78.7 (SL)	7.	28.0	71.1 (MS)	9.	33.5	85.1 (ML)
3.	31.5	80.0 (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	39.0	99.1 (LR)	12.	34.0	86.4 (LL)	14.	—	— (XLR)	16.	27.0	68.6 (XLL)
11.	—	— (ML)	13.	34.0	86.4 (LL)	15.	34.0	86.4 (LR)	17.	25.5	64.8 (XLL)

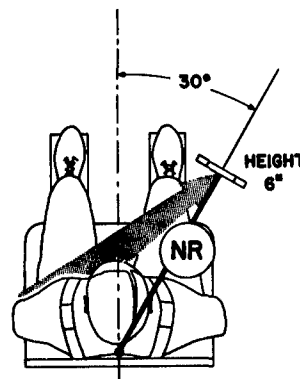
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT HAND
f

tilted 30° to the
must be placed no

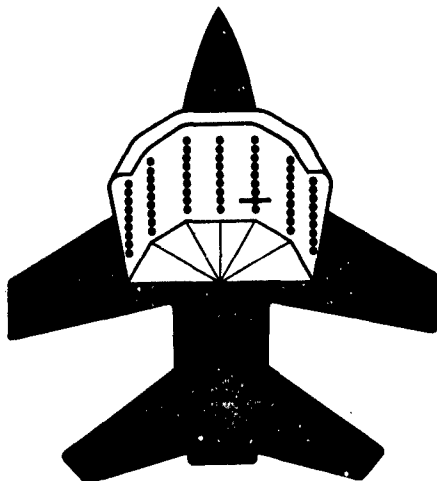
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	— (SS)	4.	20.0	50.8 (SL)	6.	—	— (MR)	8.	—	— (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	— (LR)	12.	—	— (LL)	14.	—	— (XLR)	16.	—	— (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	—	— (XLL)

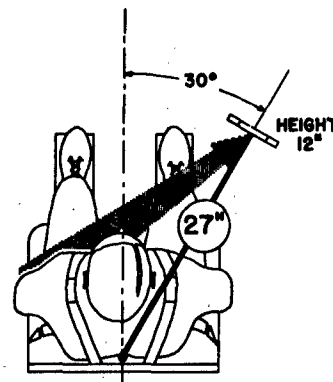
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

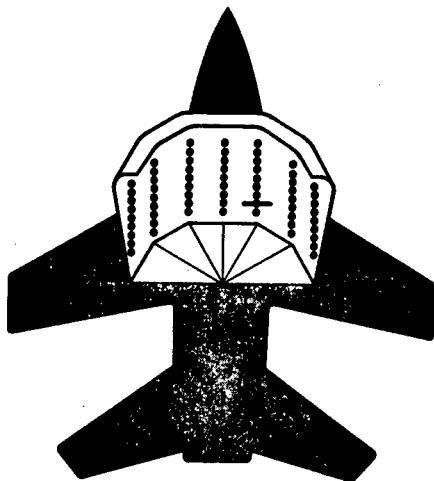
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1 (SS)	4.	40.0	101.6 (SL)	6.	38.0	96.5 (MR)	8.	38.5	97.8 (ML)
2.	37.5	95.3 (SR)	5.	36.0	91.4 (SL)	7.	32.0	81.3 (MS)	9.	40.0	101.6 (ML)
3.	37.5	95.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	39.0	99.1 (LR)	12.	37.5	95.3 (LL)	14.	33.5	85.1 (XLR)	16.	35.5	90.2 (XLL)
11.	27.0	68.6 (ML)	13.	38.5	97.8 (LL)	15.	39.0	99.1 (LR)	17.	34.0	86.4 (XLL)

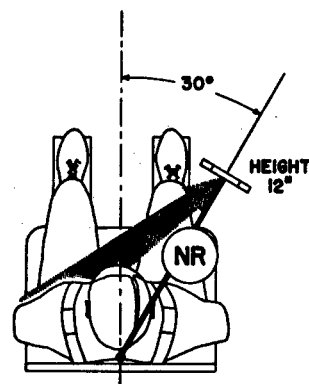
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
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nob must be placed no

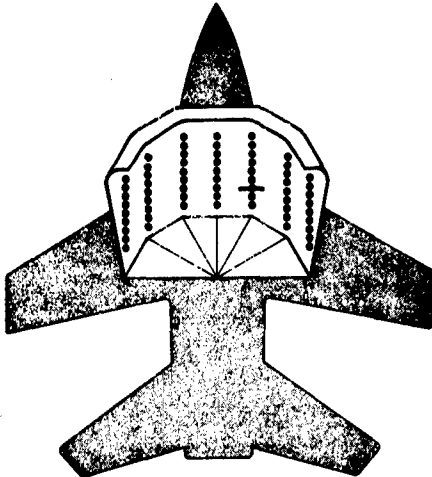
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	21.0	53.3 (SS)	4.	26.0	66.0 (SL)	6.	20.5	52.1 (MR)	8.	24.5	62.2 (ML)
2.	24.0	61.0 (SR)	5.	20.0	50.8 (SL)	7.	—	— (MS)	9.	26.5	67.3 (ML)
3.	23.0	58.4 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	23.5	59.7 (LR)	12.	24.5	62.2 (LL)	14.	—	— (XLR)	16.	25.5	64.8 (XLL)
11.	—	— (ML)	13.	25.0	63.5 (LL)	15.	26.0	66.0 (LR)	17.	25.0	63.5 (XLL)

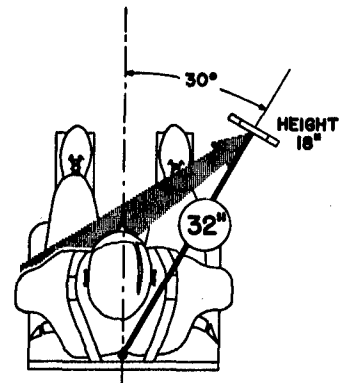
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

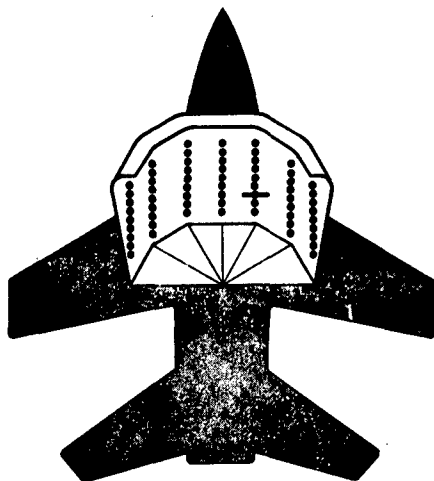
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.0	104.1 (SS)	4.	42.5	108.0 (SL)	6.	40.5	102.9 (MR)	8.	42.0	106.7 (ML)
2.	39.0	99.1 (SR)	5.	39.0	99.1 (SL)	7.	35.5	90.2 (MS)	9.	42.5	108.0 (ML)
3.	40.0	101.6 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.0	106.7 (LR)	12.	40.5	102.9 (LL)	14.	37.0	94.0 (XLR)	16.	37.0	94.0 (XLL)
11.	32.0	81.3 (ML)	13.	41.0	104.1 (LL)	15.	41.0	104.1 (LR)	17.	37.0	94.0 (XLL)

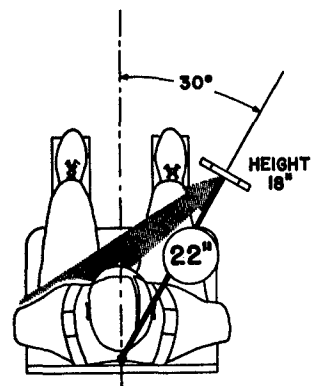
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

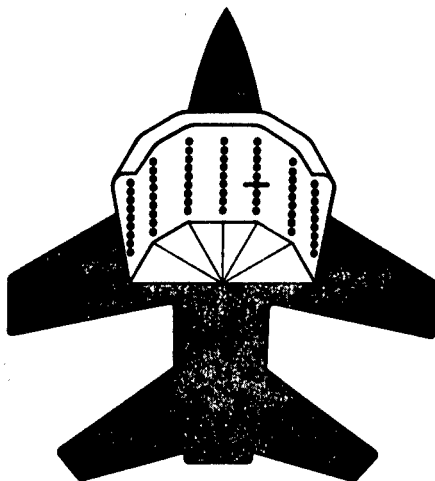
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	25.5	64.8 (SS)	4.	30.5	77.5 (SL)	6.	25.0	63.5 (MR)	8.	28.5	72.4 (ML)
2.	29.0	73.7 (SR)	5.	25.0	63.5 (SL)	7.	22.0	55.9 (MS)	9.	31.5	80.0 (ML)
3.	27.5	69.9 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.5	72.4 (LR)	12.	28.5	72.4 (LL)	14.	27.0	68.6 (XLR)	16.	30.5	77.5 (XLL)
11.	25.0	63.5 (ML)	13.	29.5	74.9 (LL)	15.	31.0	78.7 (LR)	17.	30.0	76.2 (XLL)

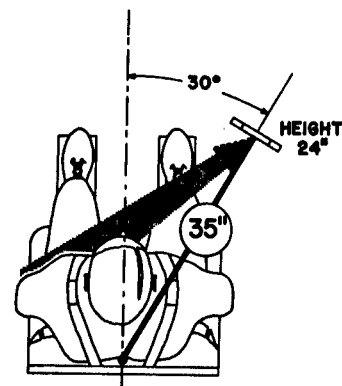
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

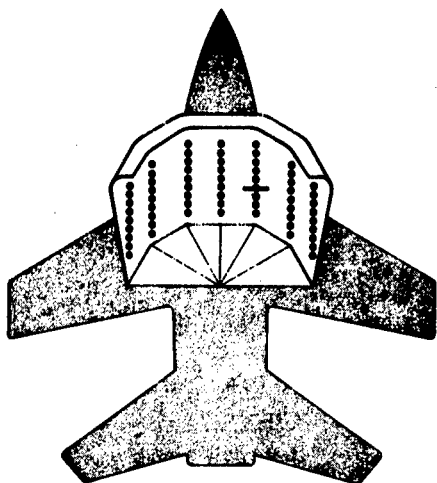
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 35" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.5	108.0 (SS)	4.	43.5	110.5 (SL)	6.	42.5	108.0 (MR)	8.	43.0	109.2 (ML)
2.	40.5	102.9 (SR)	5.	40.5	102.9 (SL)	7.	38.5	97.8 (MS)	9.	44.0	111.8 (ML)
3.	41.0	104.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.0	106.7 (LR)	12.	42.0	106.7 (LL)	14.	38.0	96.5 (XLR)	16.	39.0	99.1 (XLL)
11.	35.0	88.9 (ML)	13.	42.0	106.7 (LL)	15.	41.0	104.1 (LR)	17.	38.0	96.5 (XLL)

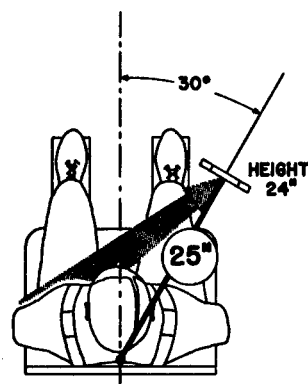
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

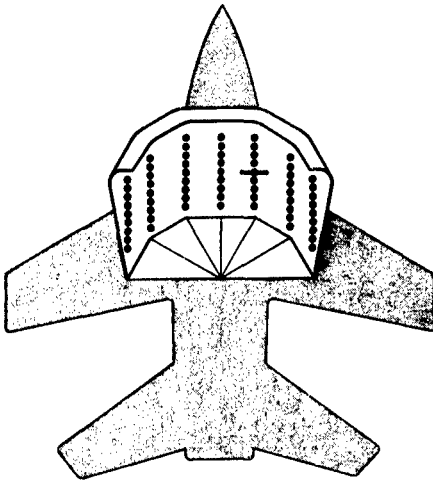
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1 (SS)	4.	33.0	83.8 (SL)	6.	28.5	72.4 (MR)	8.	30.0	76.2 (ML)
2.	31.0	78.7 (SR)	5.	28.0	71.1 (SL)	7.	26.0	66.0 (MS)	9.	33.0	83.8 (ML)
3.	30.0	76.2 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7 (LR)	12.	31.0	78.7 (LL)	14.	29.5	74.9 (XLR)	16.	33.0	83.8 (XLL)
11.	25.5	64.8 (ML)	13.	31.0	78.7 (LL)	15.	33.0	83.8 (LR)	17.	32.5	82.6 (XLL)

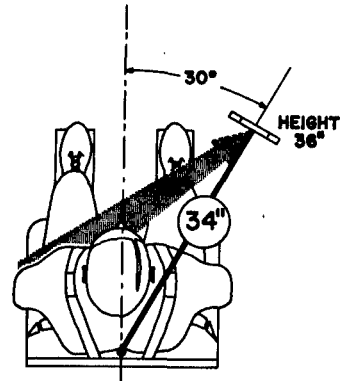
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

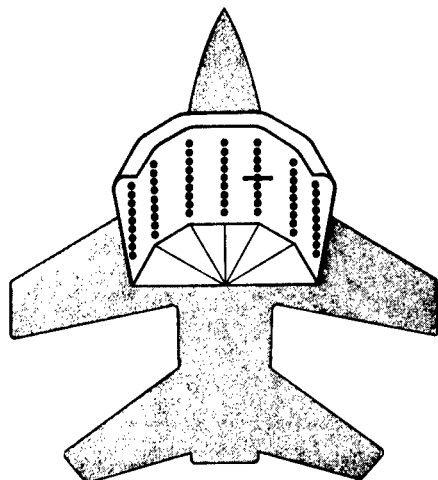
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1 (SS)	4.	43.0	109.2 (SL)	6.	37.5	95.3 (MR)	8.	40.0	101.6 (ML)
2.	38.0	96.5 (SR)	5.	38.5	97.8 (SL)	7.	38.0	96.5 (MS)	9.	42.5	108.0 (ML)
3.	39.0	99.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	40.5	102.9 (LR)	12.	41.5	105.4 (LL)	14.	38.0	96.5 (XLR)	16.	34.0	86.4 (XLL)
11.	34.0	86.4 (ML)	13.	40.0	101.6 (LL)	15.	41.0	104.1 (LR)	17.	37.0	94.0 (XLL)

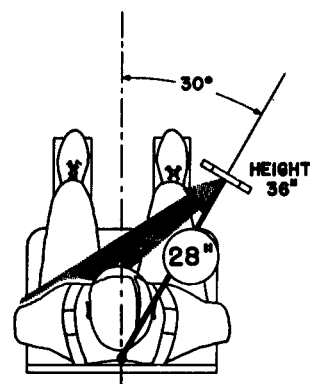
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

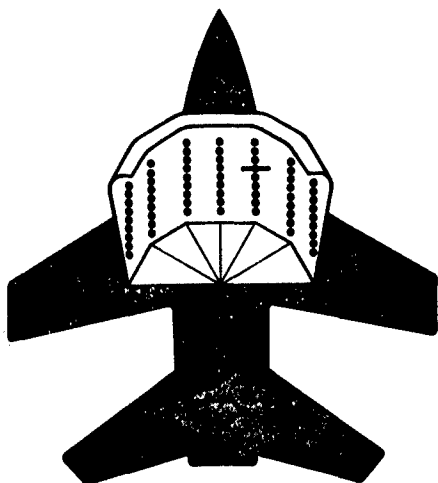
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.0	73.7 (SS)	4.	33.0	83.8 (SL)	6.	29.0	73.7 (MR)	8.	31.0	78.7 (ML)
2.	31.0	78.7 (SR)	5.	29.5	74.9 (SL)	7.	28.0	71.1 (MS)	9.	34.0	86.4 (ML)
3.	30.0	76.2 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7 (LR)	12.	31.5	80.0 (LL)	14.	30.0	76.2 (XLR)	16.	33.0	83.8 (XLL)
11.	28.0	71.1 (ML)	13.	31.5	80.0 (LL)	15.	32.0	81.3 (LR)	17.	32.5	82.6 (XLL)

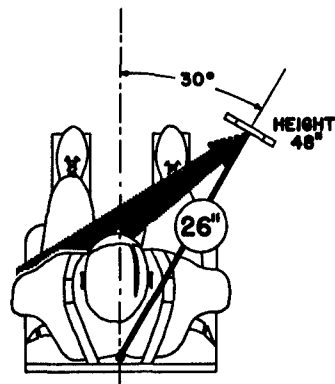
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

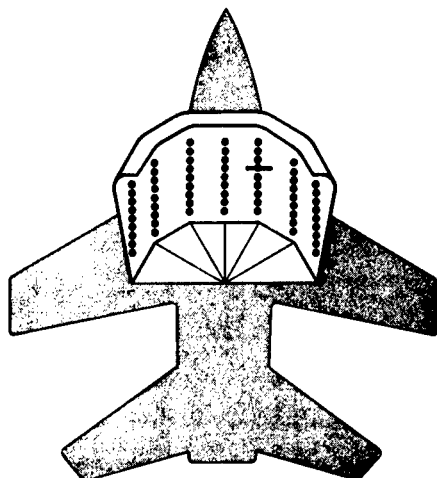
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 26" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.5	85.1 (SS)	4.	34.5	87.6 (SL)	6.	30.5	77.5 (MR)	8.	36.5	92.7 (ML)
2.	32.5	82.6 (SR)	5.	31.5	80.0 (SL)	7.	29.5	74.9 (MS)	9.	36.5	92.7 (ML)
3.	32.0	81.3 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.5	82.6 (LR)	12.	37.0	94.0 (LL)	14.	32.0	81.3 (XLR)	16.	28.0	71.1 (XLL)
11.	26.0	66.0 (ML)	13.	33.5	85.1 (LL)	15.	34.5	87.6 (LR)	17.	30.0	76.2 (XLL)

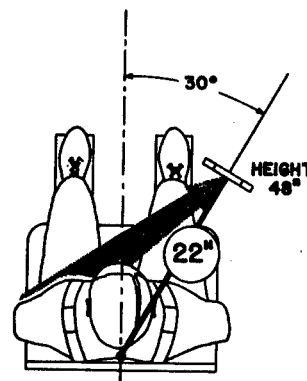
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

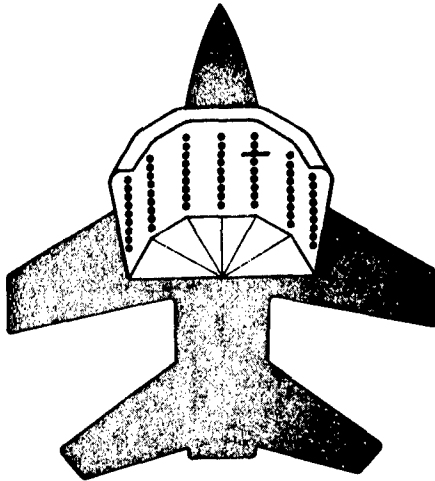
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	25.0	63.5 (SS)	4.	26.5	67.3 (SL)	6.	25.0	63.5 (MR)	8.	27.5	69.9 (ML)
2.	26.0	66.0 (SR)	5.	25.0	63.5 (SL)	7.	22.0	55.9 (MS)	9.	29.0	73.7 (ML)
3.	26.0	66.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	26.5	67.3 (LR)	12.	27.5	69.9 (LL)	14.	25.0	63.5 (XLR)	16.	28.5	72.4 (XLL)
11.	29.5	74.9 (ML)	13.	27.0	68.6 (LL)	15.	26.0	66.0 (LR)	17.	27.0	68.6 (XLL)

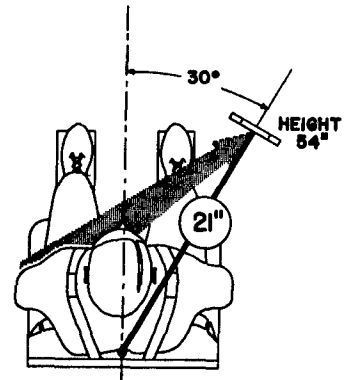
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

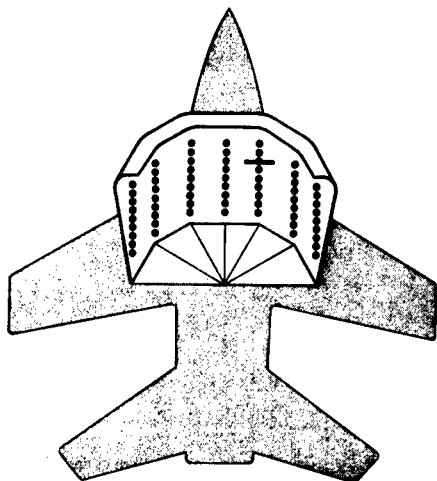
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 54" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	27.0	68.6 (SS)	4.	29.5	74.9 (SL)	6.	23.5	59.7 (MR)	8.	31.0	78.7 (ML)
2.	25.0	63.5 (SR)	5.	24.0	61.0 (SL)	7.	21.0	53.3 (MS)	9.	29.5	74.9 (ML)
3.	26.0	66.0 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.5	69.9 (LR)	12.	32.5	82.6 (LL)	14.	24.5	62.2 (XLR)	16.	28.0	71.1 (XLL)
11.	21.0	53.3 (ML)	13.	27.0	68.6 (LL)	15.	26.5	67.3 (LR)	17.	26.5	67.3 (XLL)

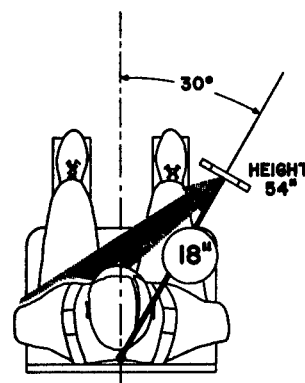
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

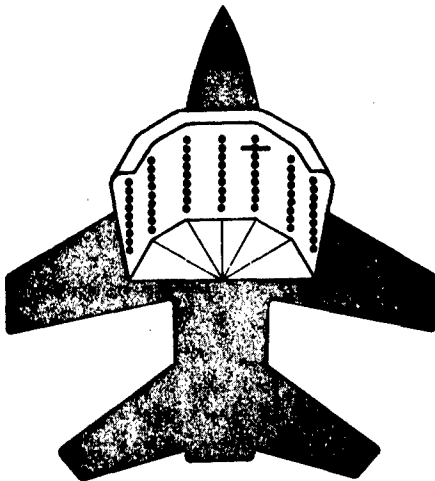
To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 54" above the deck the knob must be placed no further than 18" from XSRP.

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	19.0	48.3 (SS)	4.	21.5	54.6 (SL)	6.	19.5	49.5 (MR)	8.	22.0	55.9 (ML)
2.	20.5	52.1 (SR)	5.	20.0	50.8 (SL)	7.	18.5	47.0 (MS)	9.	25.0	63.5 (ML)
3.	20.5	52.1 (SR)									
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	20.5	52.1 (LR)	12.	22.5	57.2 (LL)	14.	18.5	47.0 (XLR)	16.	23.0	58.4 (XLL)
11.	18.0	45.7 (ML)	13.	23.0	58.4 (LL)	15.	22.0	55.9 (LR)	17.	21.5	54.6 (XLL)

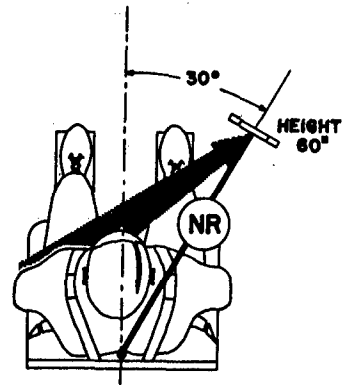
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate ...
RIGHT ...
f

... 30° to the ...
... must be placed no

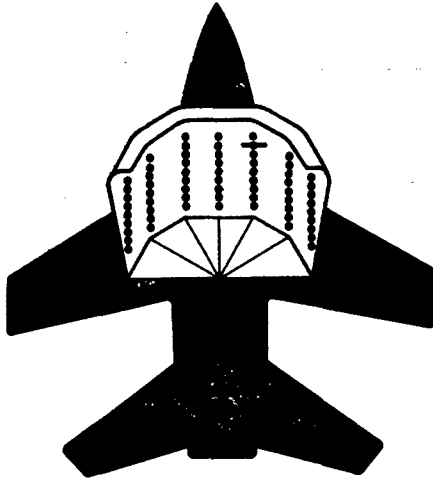
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	15.5	39.4 (SS)	4.	21.5	54.6 (SL)	6.	11.0	27.9 (MR)	8.	18.0	45.7 (ML)
2.	9.0	22.9 (SR)	5.	9.0	22.9 (SL)	7.	—	— (MS)	9.	21.0	53.3 (ML)
3.	15.5	39.4 (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	19.5	49.5 (LR)	12.	24.5	62.2 (LL)	14.	12.0	30.5 (XLR)	16.	23.0	58.4 (XLL)
11.	—	— (ML)	13.	18.5	47.0 (LL)	15.	20.0	50.8 (LR)	17.	21.0	53.3 (XLL)

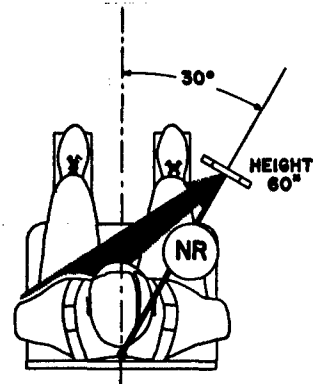
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT HAND
f

30° to the
must be placed no

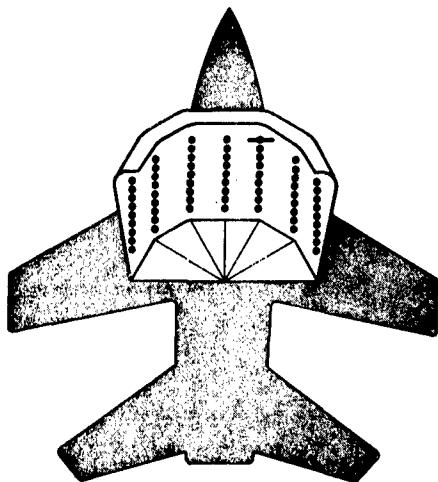
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	8.5	21.6 (SS)	4.	12.5	31.8 (SL)	6.	7.0	17.8 (MR)	8.	16.0	40.6 (ML)
2.	2.5	63.5 (SR)	5.	6.5	16.5 (SL)	7.	—	— (MS)	9.	18.0	45.7 (ML)
3.	11.0	27.9 (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	9.0	22.9 (LR)	12.	13.0	33.0 (LL)	14.	7.0	17.8 (XLR)	16.	14.5	36.8 (XLL)
11.	—	— (ML)	13.	13.0	33.0 (LL)	15.	5.5	14.0 (LR)	17.	11.5	29.2 (XLL)

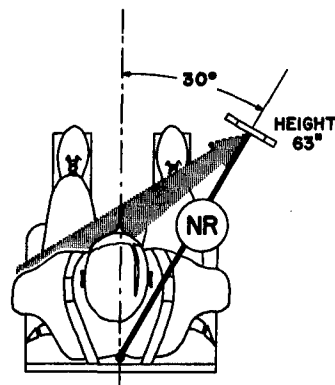
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

30° to the
must be placed no

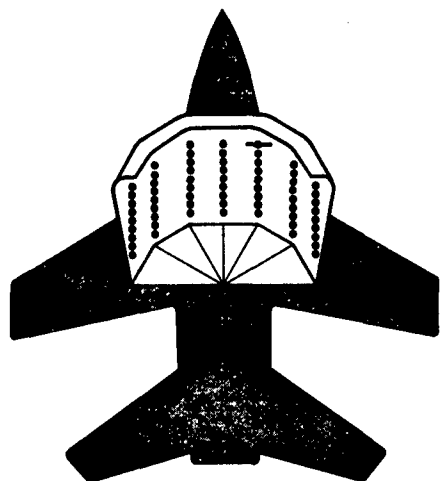
NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	10.0	25.4 (SL)	6.	—	— (MR)	8.	3.0	7.6 (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	— (LR)	12.	17.0	43.2 (LL)	14.	—	— (XLR)	16.	13.5	34.3 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	8.5	21.6 (XLL)

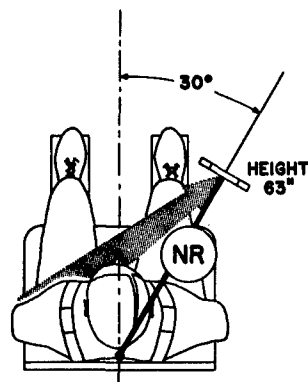
LIGHTWEIGHT FLIGHT COVERALLS

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
RIGHT

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA—SUIT SIZES IN PARENTHESES

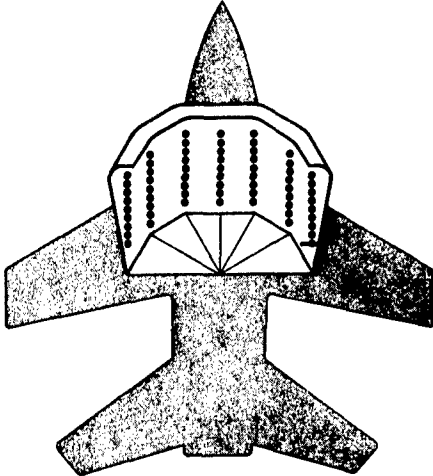
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	— (SS)	4.	—	— (SL)	6.	—	— (MR)	8.	10.5	26.7 (ML)
2.	—	— (SR)	5.	—	— (SL)	7.	—	— (MS)	9.	—	— (ML)
3.	—	— (SR)									
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	— (LR)	12.	7.0	17.8 (LL)	14.	—	— (XLR)	16.	5.5	14.0 (XLL)
11.	—	— (ML)	13.	—	— (LL)	15.	—	— (LR)	17.	—	— (XLL)

NO FURTHER VALUES REACHED

**FULL PRESSURE SUIT
UNINFLATED**

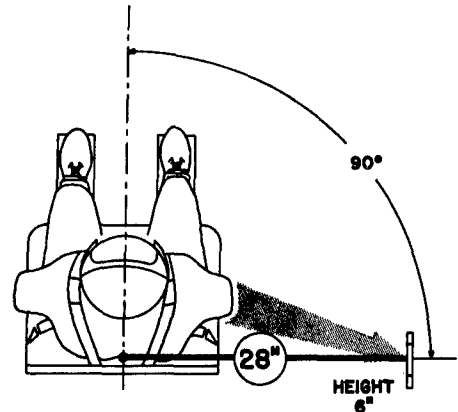
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

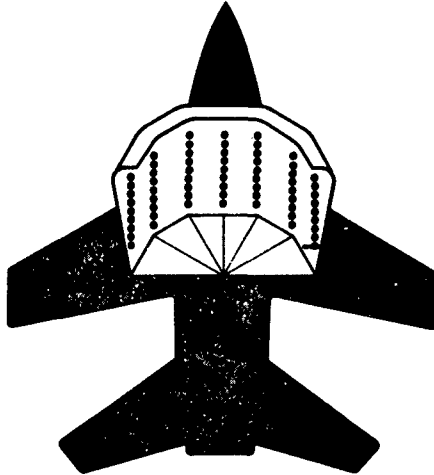
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	40.0	101.6	4.	39.0	99.1	6.	31.0	78.7	8.	44.0	111.8
2.	38.0	96.5	5.	33.5	85.1	7.	34.0	86.4	9.	42.0	106.7
3.	33.5	85.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	38.5	97.8	12.	38.5	97.8	14.	31.5	80.0	16.	43.0	109.2
11.	28.5	72.4	13.	41.0	104.1	15.	39.0	99.1	17.	36.5	92.7

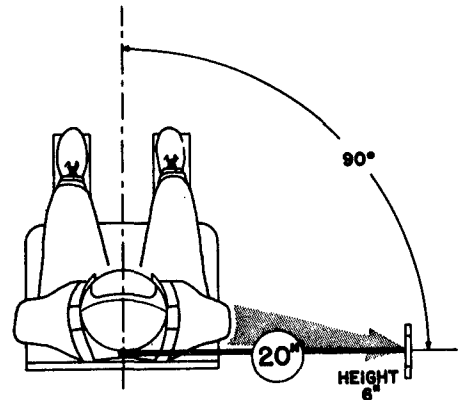
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 20" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

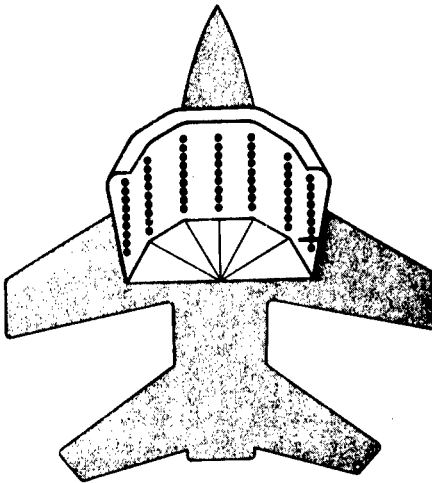
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	27.0	68.6	4.	33.0	83.8	6.	20.0	50.8	8.	28.5	72.4
2.	27.0	68.6	5.	26.0	66.0	7.	22.5	57.2	9.	26.0	66.0
3.	26.0	66.0									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.5	69.9	12.	30.0	76.2	14.	31.0	78.7	16.	34.0	86.4
11.	24.0	61.0	13.	30.5	77.5	15.	34.0	86.4	17.	30.0	76.2

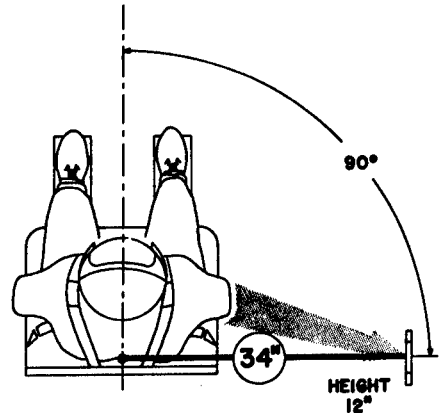
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

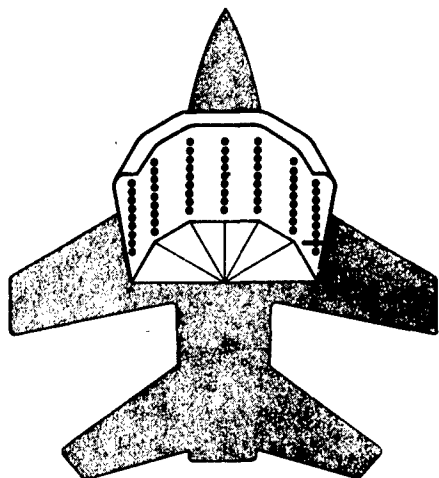
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.5	105.4	4.	42.0	106.7	6.	35.0	88.9	8.	46.0	116.8
2.	42.0	106.7	5.	37.0	94.0	7.	34.5	87.6	9.	44.5	113.0
3.	36.0	91.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	40.0	101.6	12.	42.0	106.7	14.	37.0	94.0	16.	45.5	115.6
11.	34.0	86.4	13.	43.0	109.2	15.	42.5	108.0	17.	41.0	104.1

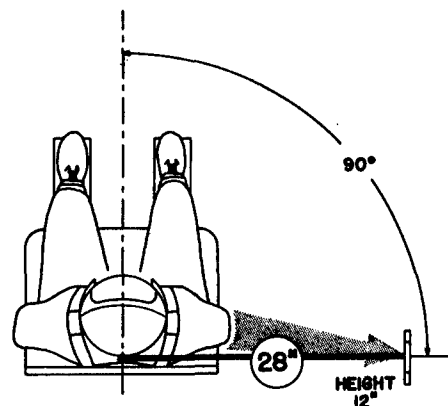
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 28" from XSRP.

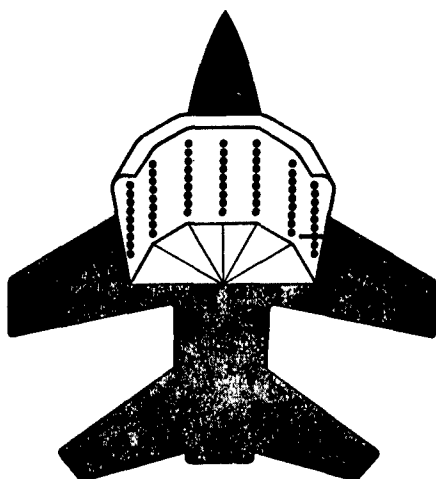
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	31.5	80.0	4.	37.0	94.0	6.	28.0	71.1	8.	33.5	85.1
	2.	32.5	82.6	5.	31.0	78.7	7.	28.0	71.1	9.	31.5	80.0
	3.	31.5	80.0									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	32.0	81.3	12.	33.5	85.1	14.	35.5	90.2	16.	38.0	96.5
	11.	28.5	72.4	13.	34.0	86.4	15.	38.0	96.5	17.	35.0	88.9

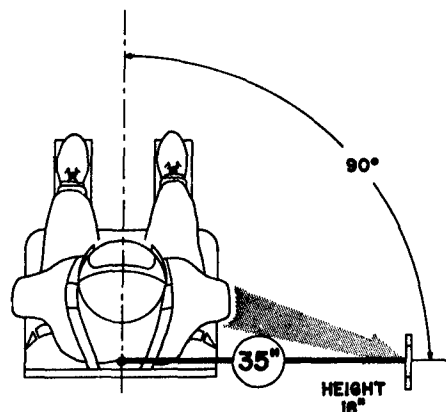
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 35" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

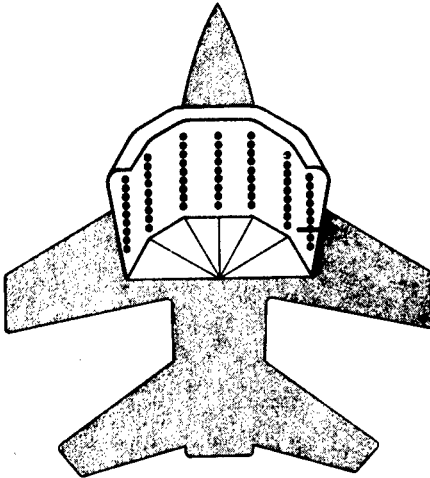
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.5	108.0	4.	43.0	109.2	6.	35.0	88.9	8.	46.5	118.1
2.	42.0	106.7	5.	39.0	99.1	7.	40.0	101.6	9.	46.0	116.8
3.	38.0	96.5									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.5	108.0	12.	43.0	109.2	14.	40.5	102.9	16.	45.5	115.6
11.	35.5	90.2	13.	45.0	114.3	15.	44.0	111.8	17.	42.5	108.0

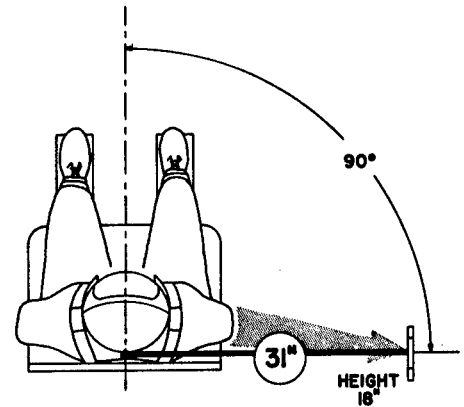
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

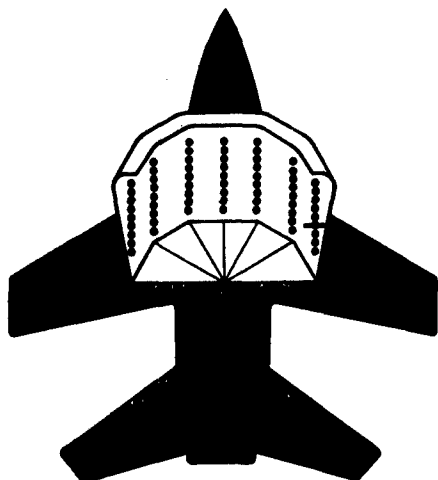
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	35.0	88.9	4.	39.0	99.1	6.	32.5	82.6	8.	37.0	94.0
2.	35.5	90.2	5.	34.5	87.6	7.	32.5	82.6	9.	35.0	88.9
3.	34.5	87.6									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.5	90.2	12.	36.5	92.7	14.	37.5	95.3	16.	40.5	102.9
11.	31.0	78.7	13.	37.0	94.0	15.	40.0	101.6	17.	39.0	99.1

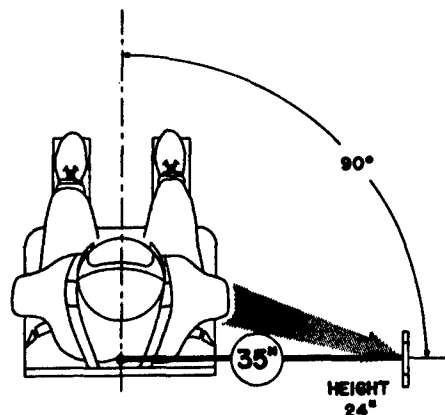
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 35" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

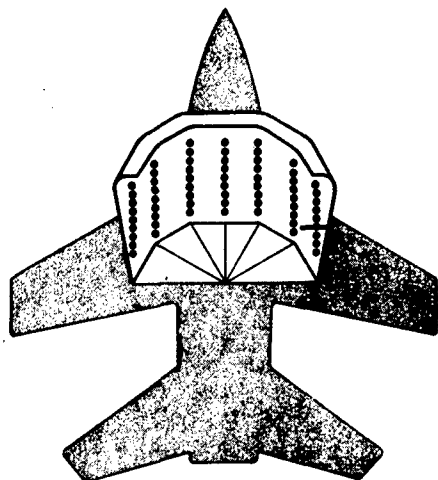
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2	4.	43.0	109.2	6.	37.0	94.0	8.	46.0	116.8
2.	42.5	108.0	5.	41.0	104.1	7.	39.5	100.3	9.	47.0	119.4
3.	39.0	99.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.5	108.0	12.	44.0	111.8	14.	41.0	104.1	16.	46.0	116.8
11.	35.5	90.2	13.	46.0	116.8	15.	45.0	114.3	17.	44.0	111.8

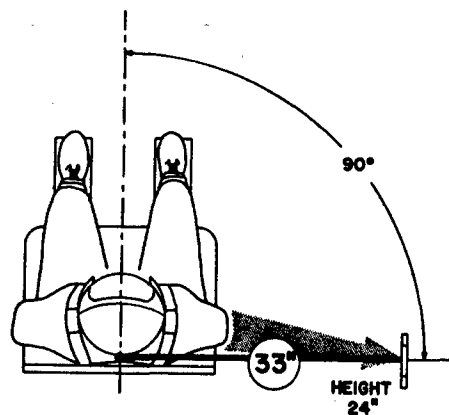
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

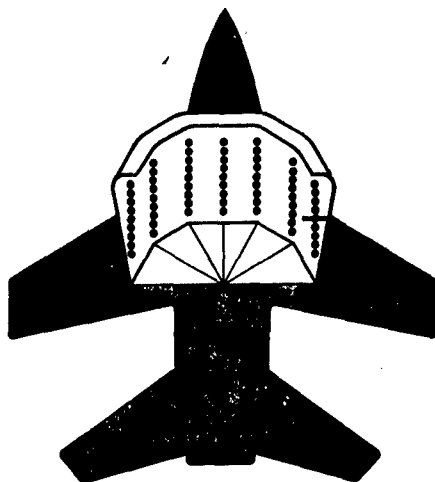
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	36.0	91.4	4.	40.0	101.6	6.	34.5	87.6	8.	39.0	99.1
2.	36.0	91.4	5.	36.0	91.4	7.	34.0	86.4	9.	37.0	94.0
3.	36.0	91.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.0	94.0	12.	38.5	97.8	14.	39.5	100.3	16.	41.0	104.1
11.	33.5	85.1	13.	39.0	99.1	15.	42.0	106.7	17.	40.5	102.9

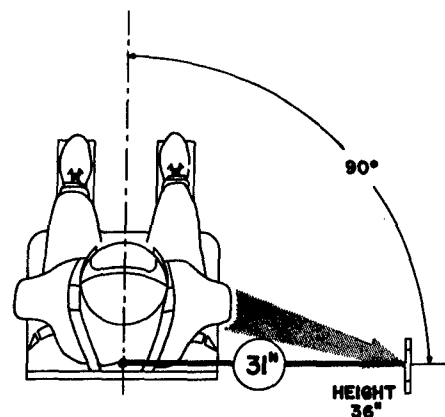
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

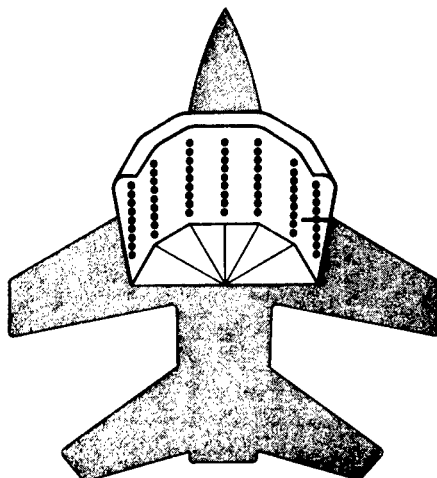
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	40.5	102.9	4.	40.0	101.6	6.	47.0	119.4	8.	43.0	109.2
2.	38.0	96.5	5.	39.5	100.3	7.	39.0	99.1	9.	44.5	113.0
3.	35.0	88.9									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	40.0	101.6	12.	44.0	111.8	14.	39.5	100.3	16.	42.5	108.0
11.	31.0	78.7	13.	43.0	109.2	15.	39.5	100.3	17.	41.0	104.1

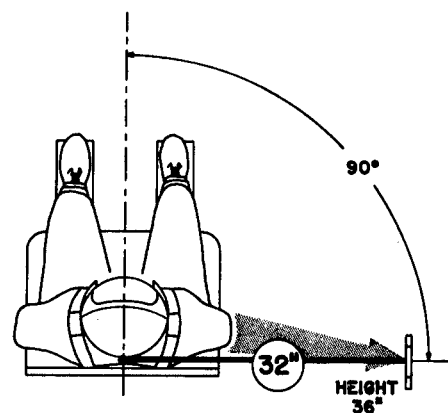
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

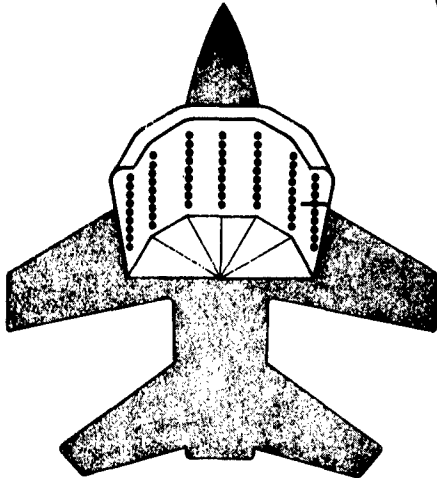
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.5	87.6	4.	39.0	99.1	6.	35.0	88.9	8.	38.0	96.5
2.	34.0	86.4	5.	33.0	83.8	7.	34.0	86.4	9.	36.0	91.4
3.	33.5	85.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.0	94.0	12.	38.0	96.5	14.	38.0	96.5	16.	39.5	100.3
11.	32.0	81.3	13.	39.5	100.3	15.	39.0	99.1	17.	40.5	102.9

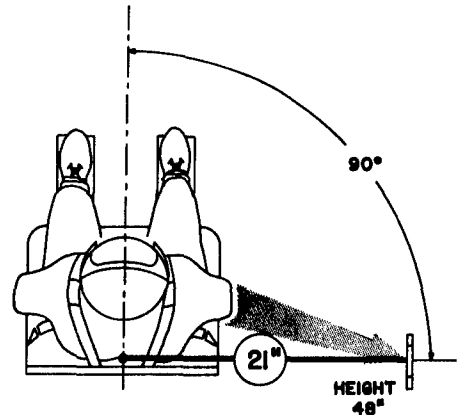
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

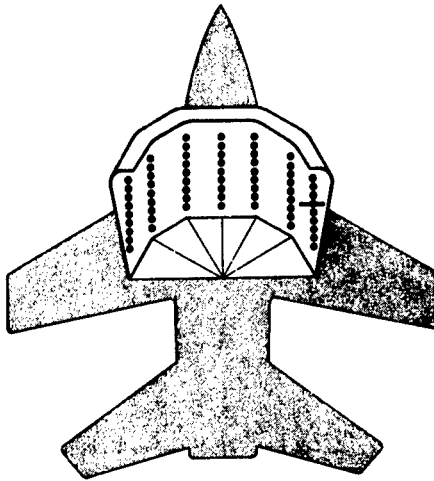
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4	4.	32.5	82.6	6.	24.0	61.0	8.	34.0	86.4
2.	26.0	66.0	5.	31.0	78.7	7.	31.0	78.7	9.	35.0	88.9
3.	26.0	66.0									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	30.0	76.2	12.	36.5	92.7	14.	32.0	81.3	16.	33.5	85.1
11.	21.0	53.3	13.	35.0	88.9	15.	31.0	78.7	17.	32.0	81.3

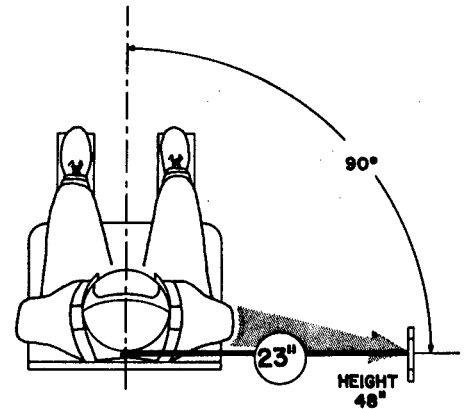
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 23" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

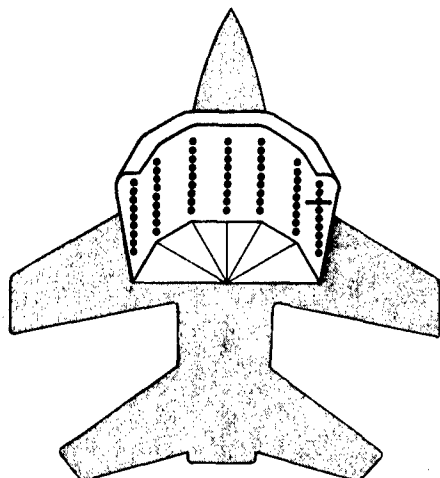
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2	4.	30.0	76.2	6.	26.5	67.3	8.	29.0	73.7
2.	24.5	62.2	5.	27.0	68.6	7.	27.0	68.6	9.	29.0	73.7
3.	25.5	64.8									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	30.5	77.5	12.	33.0	83.8	14.	30.5	77.5	16.	32.5	82.6
11.	23.0	58.4	13.	31.0	78.7	15.	31.0	78.7	17.	32.5	82.6

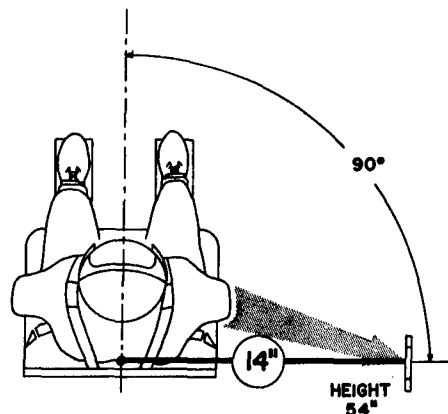
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 90° to the **RIGHT** of center and 54" above the deck the knob must be placed no further than 14" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

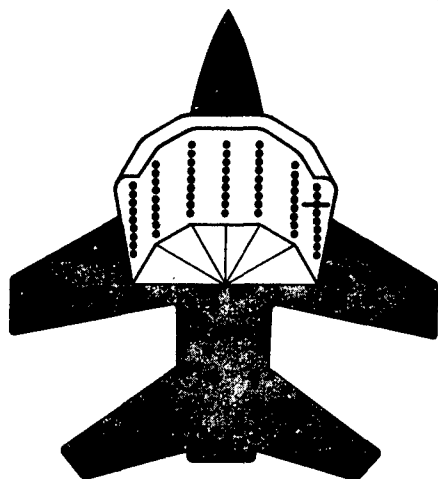
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	23.5	59.7	4.	23.0	58.4	6.	16.5	41.9	8.	24.5	62.2
2.	15.0	38.1	5.	22.0	55.9	7.	22.0	55.9	9.	24.0	61.0
3.	14.0	35.6									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	20.0	50.8	12.	27.0	68.6	14.	24.5	62.2	16.	26.5	67.3
11.	—	—	13.	26.0	66.0	15.	24.5	62.2	17.	21.0	53.3

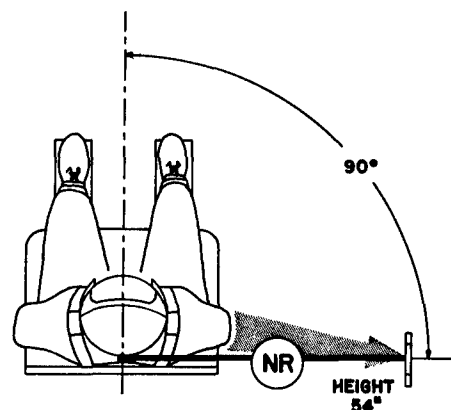
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

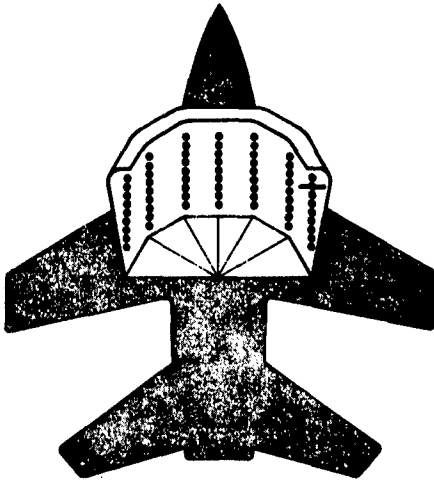
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	21.5	54.6	4.	23.0	58.4	6.	18.0	45.7	8.	23.5	59.7
2.	12.5	31.8	5.	19.5	49.5	7.	—	—	9.	23.5	59.7
3.	15.0	38.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	21.0	53.8	12.	27.0	68.6	14.	30.5	77.5	16.	26.0	66.0
11.	—	—	13.	25.0	63.5	15.	24.0	61.0	17.	22.0	55.9

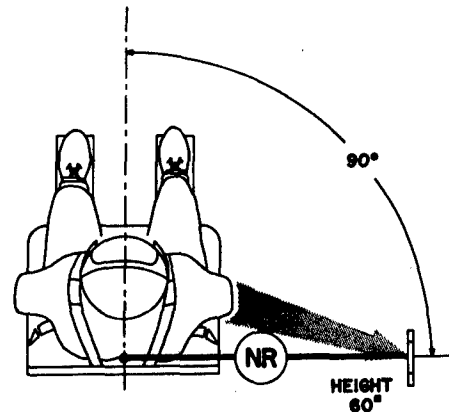
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

placed 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

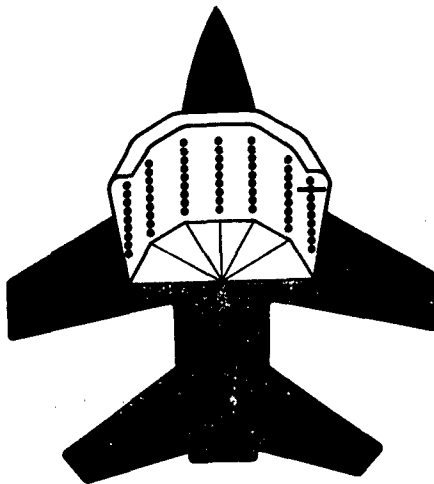
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	12.0	30.5
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	15.0	38.1	14.	—	—	16.	12.0	30.5
11.	—	—	13.	13.0	33.0	15.	—	—	17.	—	—

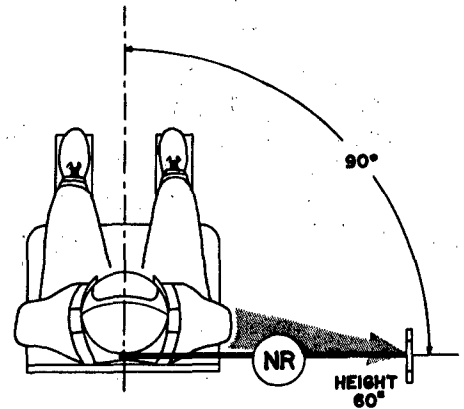
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

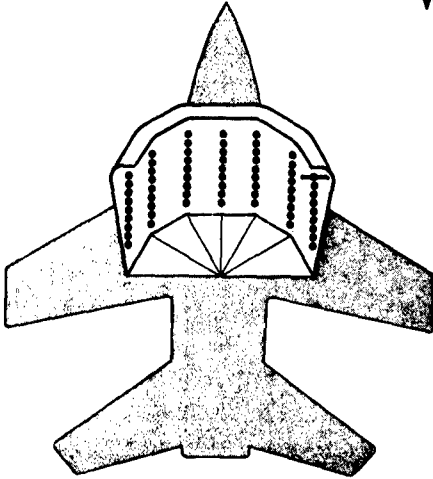
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	16.5	42.0	14.	—	—	16.	16.0	40.6
11.	—	—	13.	12.0	30.5	15.	—	—	17.	—	—

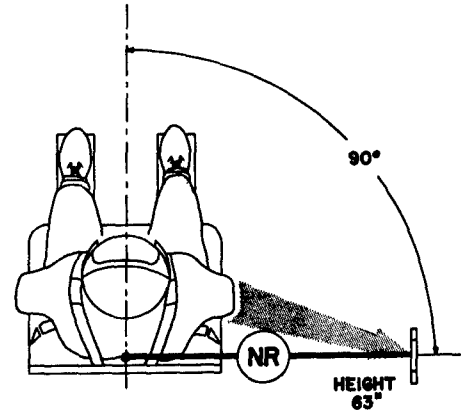
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

placed 90° to the
knob must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

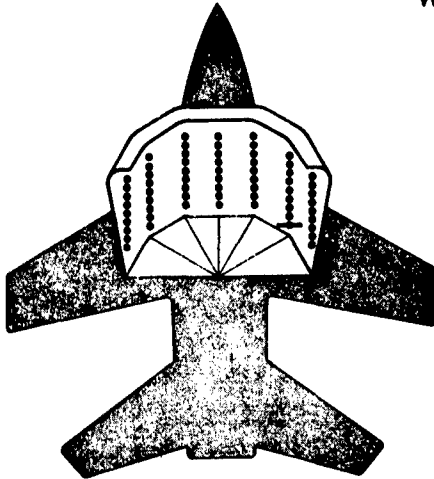
SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	8.0	20.3	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

NO FURTHER VALUES REACHED

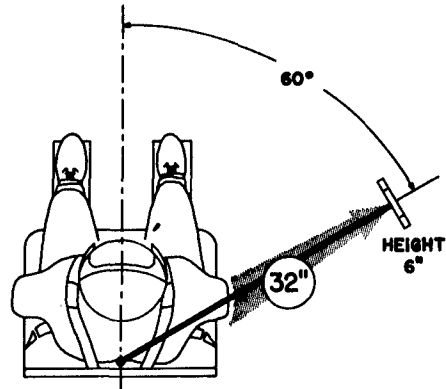
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

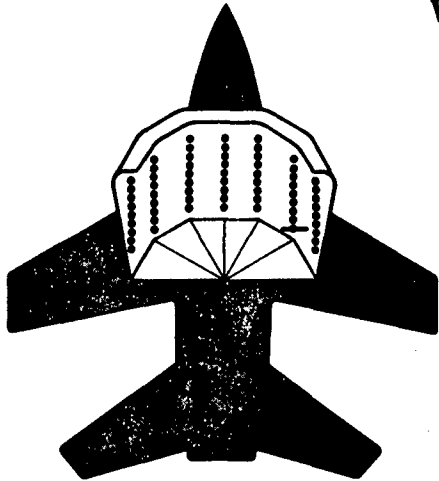
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1	4.	39.5	100.3	6.	32.5	82.6	8.	42.0	106.7
2.	34.0	86.4	5.	32.5	82.6	7.	32.0	81.3	9.	38.0	96.5
3.	34.0	86.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	38.5	97.8	12.	40.0	101.6	14.	39.0	99.1	16.	40.0	101.6
11.	33.5	85.1	13.	40.0	101.6	15.	40.5	102.9	17.	38.5	97.8

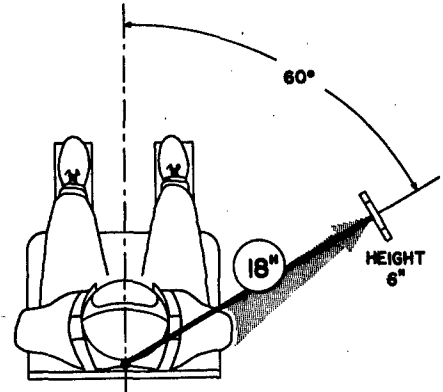
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 18" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

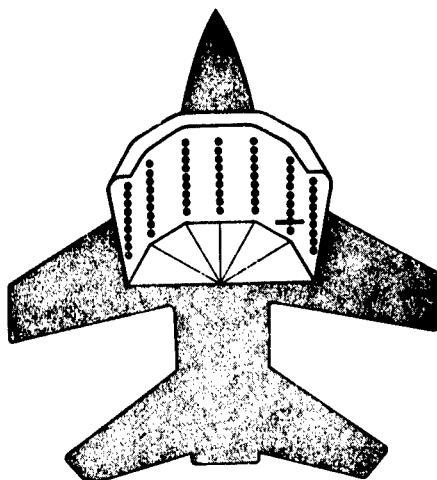
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	24.5	62.2	4.	31.5	80.0	6.	19.0	48.3	8.	28.0	71.1
2.	27.0	68.6	5.	24.5	62.2	7.	18.5	47.0	9.	25.5	64.8
3.	25.0	63.5									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	26.5	67.3	12.	29.5	74.9	14.	30.5	77.5	16.	33.0	83.8
11.	23.5	59.7	13.	28.0	71.1	15.	34.0	86.4	17.	30.0	76.2

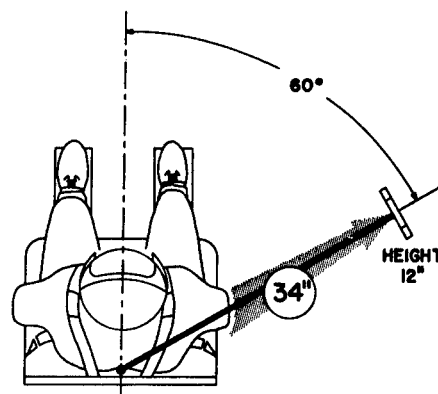
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

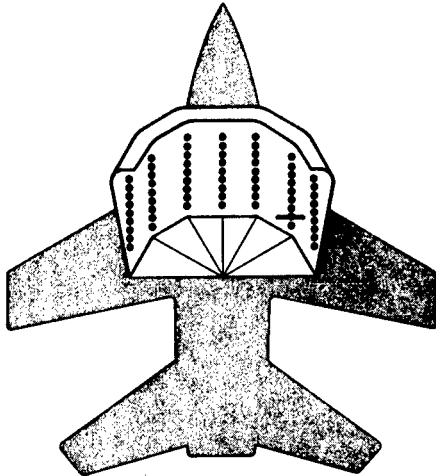
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.5	105.4	4.	42.0	106.7	6.	34.0	86.4	8.	45.0	114.3
2.	37.5	95.3	5.	37.0	94.0	7.	37.0	94.0	9.	43.0	109.2
3.	37.5	95.3									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.0	106.7	12.	43.5	110.5	14.	43.0	109.2	16.	43.5	110.5
11.	37.0	94.0	13.	43.5	110.5	15.	42.5	108.0	17.	43.0	109.2

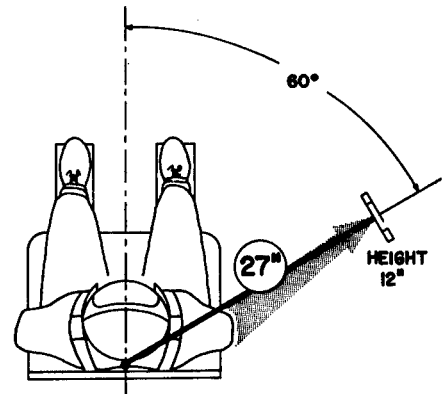
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

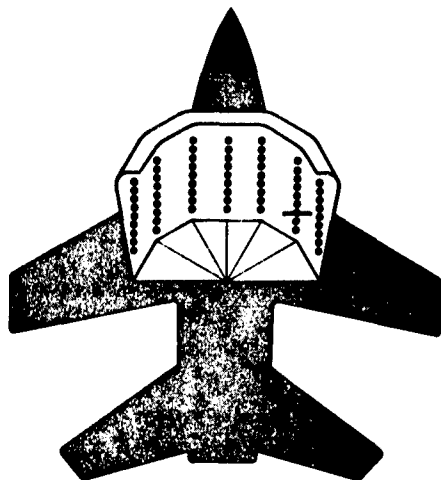
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2	4.	36.0	91.4	6.	28.0	71.1	8.	33.0	83.8
2.	31.5	80.0	5.	30.0	76.2	7.	27.0	68.6	9.	31.0	78.7
3.	30.0	76.2									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.0	81.3	12.	33.5	85.1	14.	34.5	87.6	16.	37.5	95.3
11.	28.5	72.4	13.	33.0	83.8	15.	38.0	96.5	17.	35.5	90.2

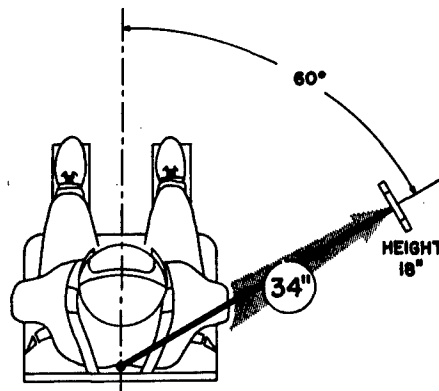
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

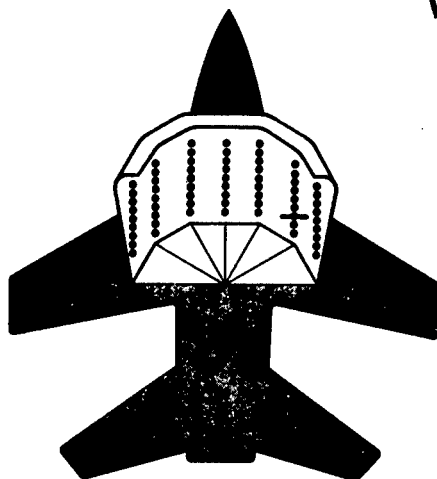
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.5	108.0	4.	44.5	113.0	6.	34.5	87.6	8.	46.5	118.1
2.	39.0	99.1	5.	39.5	100.3	7.	40.0	101.6	9.	45.0	114.3
3.	41.0	104.1									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	44.0	111.8	12.	45.5	115.6	14.	44.0	111.8	16.	45.0	114.3
11.	39.0	99.1	13.	45.0	114.3	15.	44.5	113.0	17.	45.0	114.3

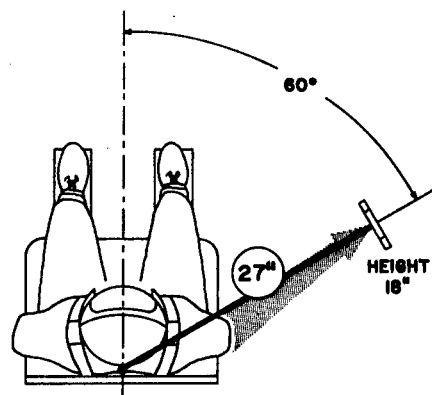
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

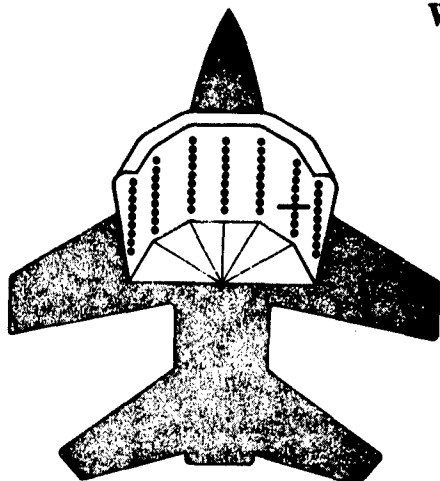
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.5	85.1	4.	37.5	95.3	6.	32.5	82.6	8.	37.0	94.0
2.	34.0	86.4	5.	34.0	86.4	7.	31.5	80.0	9.	34.0	86.4
3.	33.0	83.8									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.5	87.6	12.	36.0	91.4	14.	37.5	95.3	16.	39.5	100.3
11.	33.5	85.1	13.	27.0	68.6	15.	40.0	101.6	17.	38.5	97.8

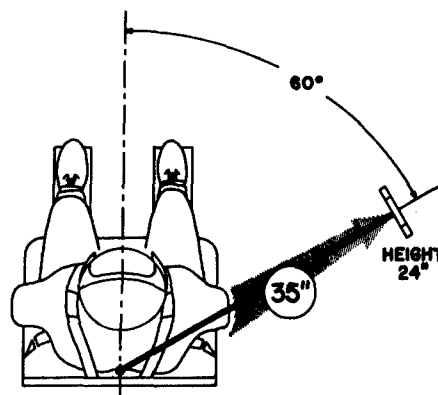
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 35" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

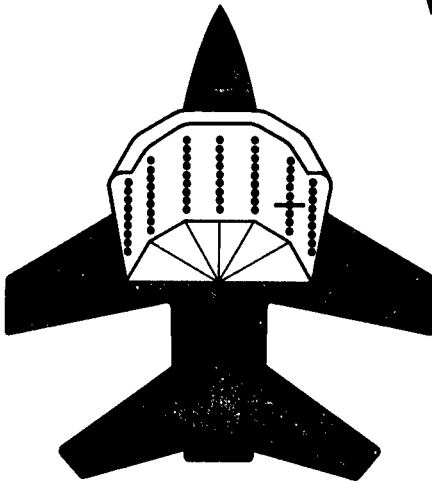
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2	4.	45.0	114.3	6.	35.0	88.9	8.	45.5	115.6
2.	39.5	100.3	5.	40.5	102.9	7.	40.5	102.9	9.	44.5	113.0
3.	41.5	105.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	45.0	114.3	12.	46.0	116.8	14.	44.0	111.8	16.	46.0	116.8
11.	39.0	99.1	13.	46.0	116.8	15.	45.0	114.3	17.	45.0	114.3

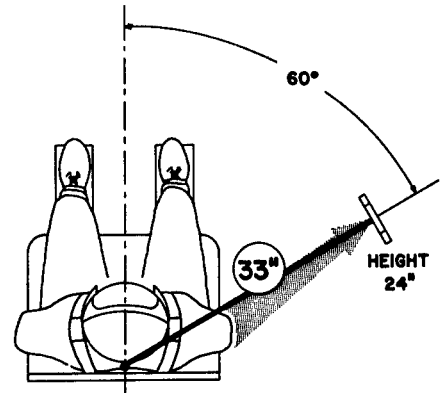
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

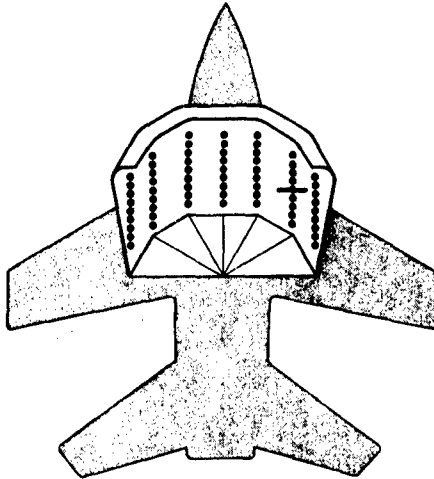
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	35.0	88.9	4.	38.5	97.8	6.	34.0	86.4	8.	37.5	95.3
2.	35.0	88.9	5.	35.5	90.2	7.	33.5	85.1	9.	35.5	90.2
3.	34.0	86.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	36.0	91.4	12.	37.5	95.3	14.	38.5	97.8	16.	40.5	102.9
11.	35.5	90.2	13.	37.0	94.0	15.	41.0	104.1	17.	40.0	101.6

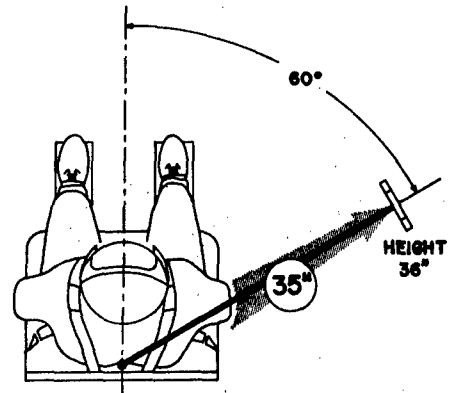
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 35" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

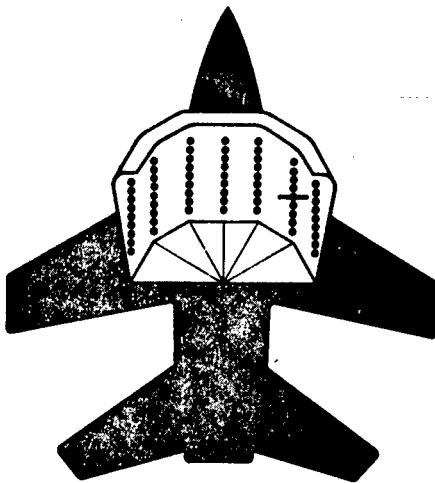
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	40.5	102.9	4.	41.0	104.1	6.	35.0	88.9	8.	42.0	106.7
2.	36.5	92.7	5.	37.0	94.0	7.	38.0	96.5	9.	42.0	106.7
3.	38.0	96.5									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.0	104.1	12.	45.0	114.3	14.	41.0	104.1	16.	44.0	111.8
11.	36.0	91.4	13.	42.5	108.0	15.	42.0	106.7	17.	42.0	106.7

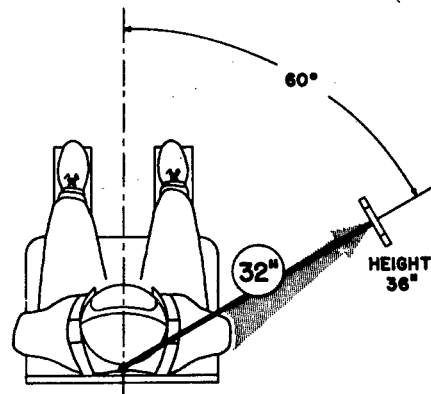
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

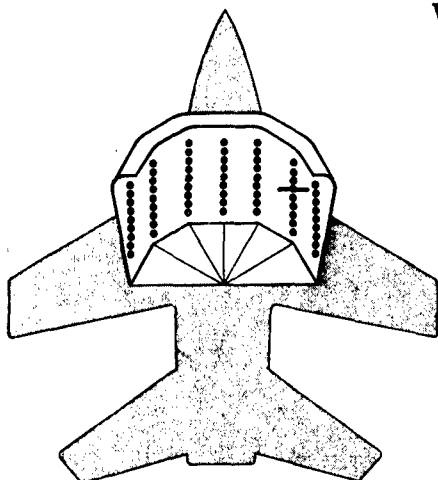
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.5	85.1	4.	37.5	95.3	6.	35.5	90.2	8.	37.0	94.0
2.	34.0	86.4	5.	34.5	87.6	7.	34.0	86.4	9.	34.5	87.6
3.	32.5	82.6									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	36.0	91.4	12.	37.0	94.0	14.	38.0	96.5	16.	39.0	99.1
11.	34.5	87.6	13.	37.0	94.0	15.	39.0	99.1	17.	39.0	99.1

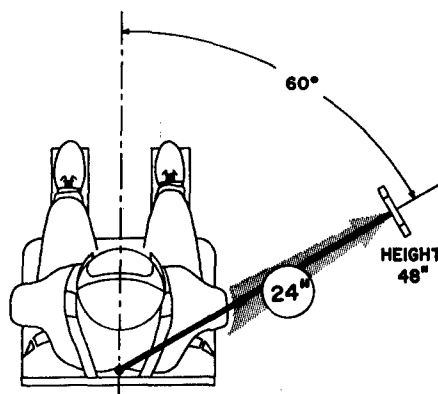
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

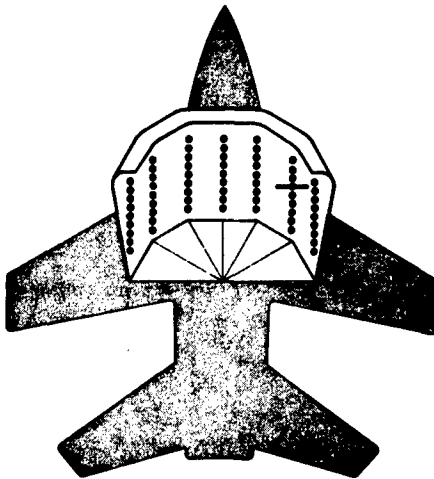
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2	4.	33.0	83.8	6.	27.5	69.9	8.	33.0	83.8
2.	24.5	62.2	5.	31.0	78.7	7.	30.0	76.2	9.	34.5	87.6
3.	27.0	68.6									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7	12.	35.0	88.9	14.	32.5	82.6	16.	32.5	82.6
11.	26.5	67.3	13.	34.0	86.4	15.	30.5	77.5	17.	33.0	83.8

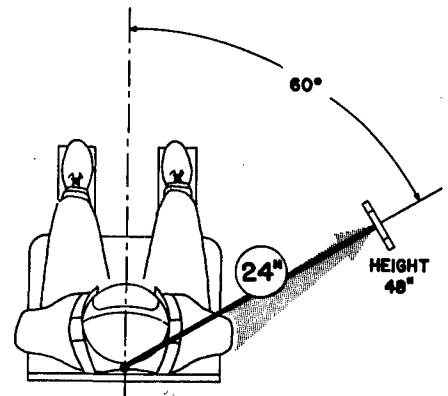
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

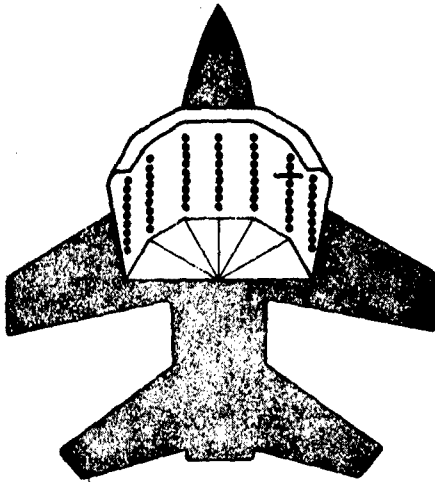
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	26.5	67.3	4.	29.5	74.9	6.	27.0	68.6	8.	29.0	73.7
2.	24.5	62.2	5.	27.0	68.6	7.	27.5	69.9	9.	28.0	71.1
3.	25.0	63.5									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.5	69.9	12.	32.5	82.6	14.	30.0	76.2	16.	32.5	82.6
11.	27.0	68.6	13.	30.5	77.5	15.	31.5	80.0	17.	33.5	85.1

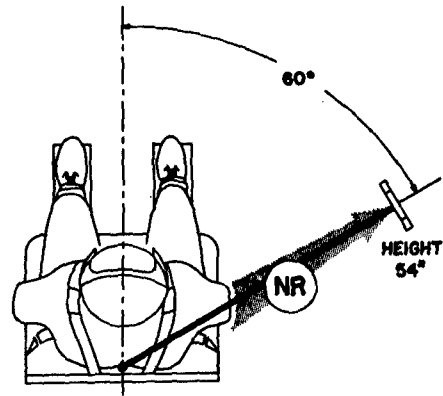
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

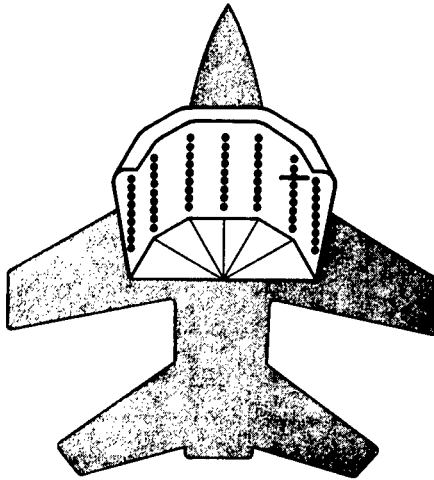
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	23.0	58.4	4.	23.5	59.7	6.	20.5	52.1	8.	25.0	63.5
2.	—	—	5.	22.0	55.9	7.	22.0	55.9	9.	26.0	66.0
3.	16.5	41.9									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	22.0	55.9	12.	25.0	63.5	14.	23.5	59.7	16.	26.5	67.3
11.	—	—	13.	25.5	64.8	15.	21.0	53.3	17.	25.5	64.8

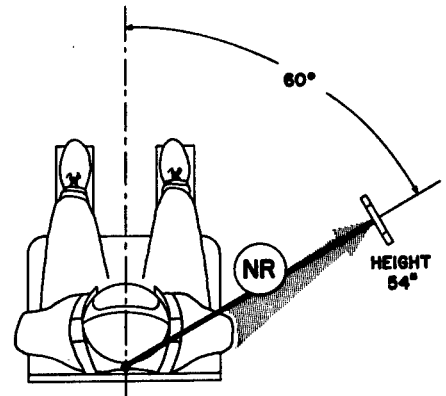
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate ...
RIGHT
f

... 60° to the
... must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

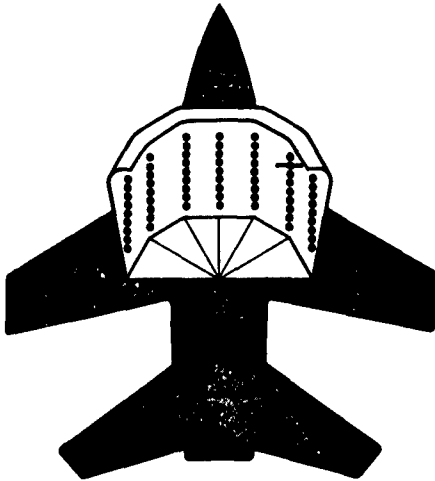
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	22.0	55.9	4.	22.0	55.9	6.	19.0	48.3	8.	22.5	57.2
2.	15.0	38.1	5.	19.5	49.5	7.	—	—	9.	22.0	55.9
3.	17.5	44.5									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	21.0	53.3	12.	27.0	68.6	14.	24.5	62.2	16.	27.5	69.9
11.	—	—	13.	24.0	61.0	15.	21.0	53.3	17.	25.5	64.8

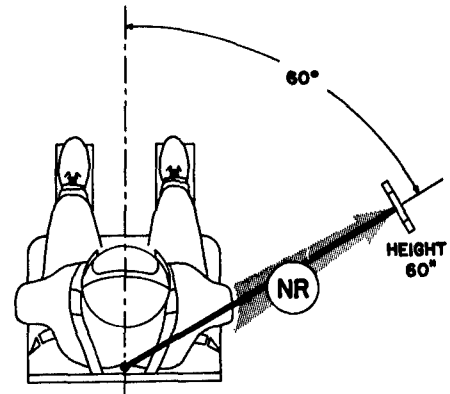
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

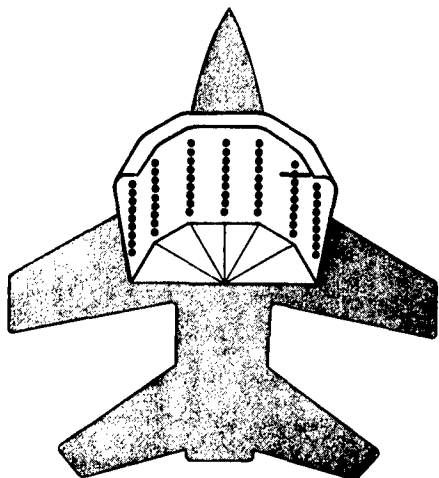
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	8.0	20.3
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	18.0	45.7	14.	—	—	16.	14.0	35.6
11.	—	—	13.	13.0	33.0	15.	—	—	17.	—	—

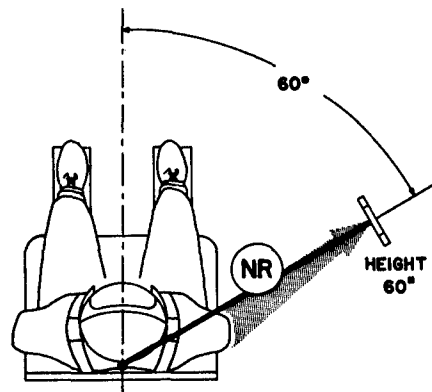
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

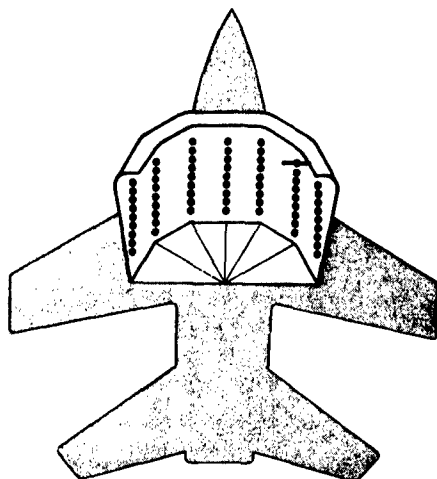
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	18.0	45.7	14.	—	—	16.	16.0	40.6
11.	—	—	13.	14.5	36.8	15.	—	—	17.	—	—

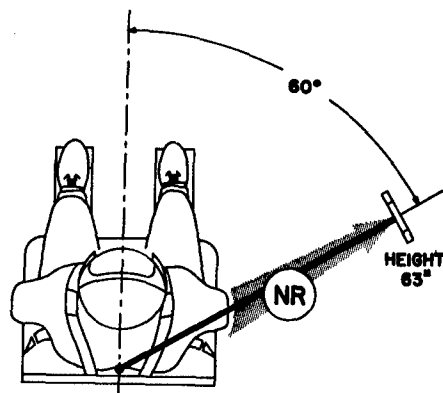
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

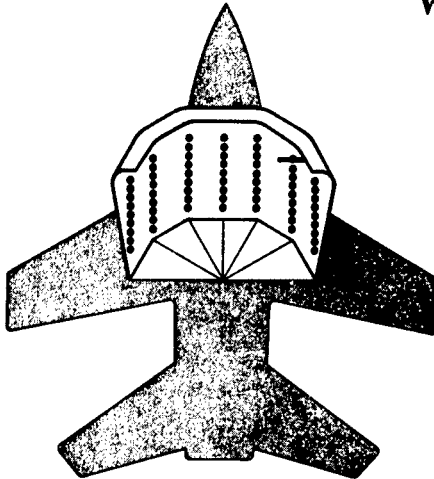
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	10.5	26.7	15.	—	—	16.	—	—
11.	—	—	13.	—	—	14.	—	—	17.	—	—

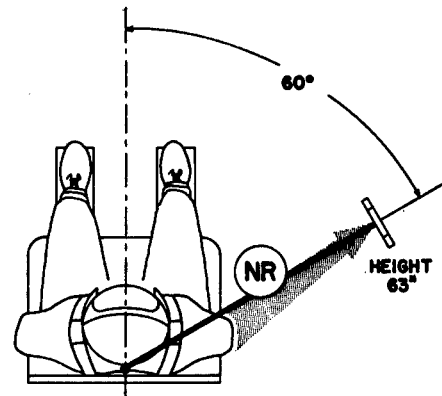
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

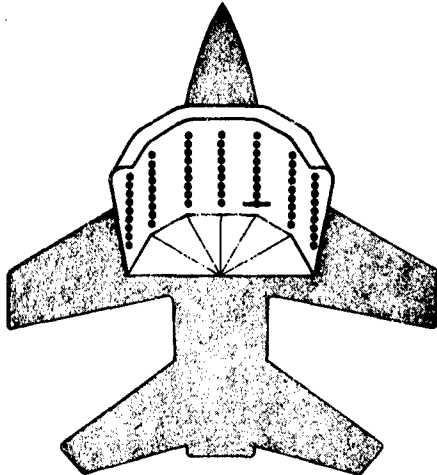
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

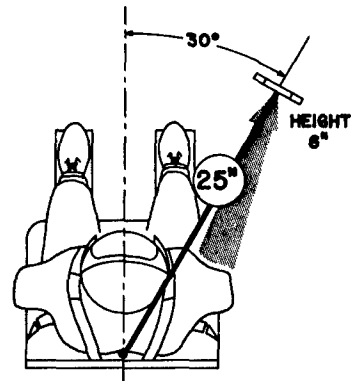
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 6" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

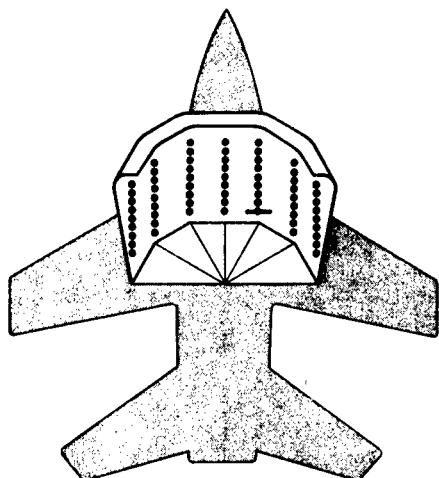
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	37.5	95.3	4.	37.0	94.0	6.	25.0	63.5	8.	37.0	94.0
2.	31.0	78.7	5.	37.0	94.0	7.	31.0	78.7	9.	38.0	96.5
3.	34.0	86.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	36.0	91.4	12.	37.0	94.0	14.	36.0	91.4	16.	36.0	91.4
11.	29.0	73.7	13.	35.5	90.2	15.	34.0	86.4	17.	36.5	92.7

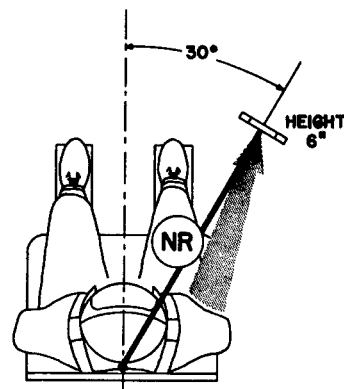
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

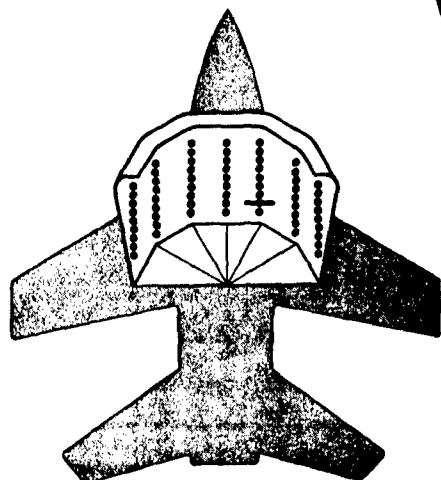
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	22.5	57.2	4.	28.0	71.1	6.	—	—	8.	24.5	62.2
2.	22.0	55.9	5.	21.5	54.6	7.	—	—	9.	23.0	58.4
3.	20.5	52.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	21.5	54.6	12.	26.0	66.0	14.	25.5	64.8	16.	26.5	67.3
11.	20.0	50.8	13.	26.5	67.3	15.	29.0	73.7	17.	25.0	63.5

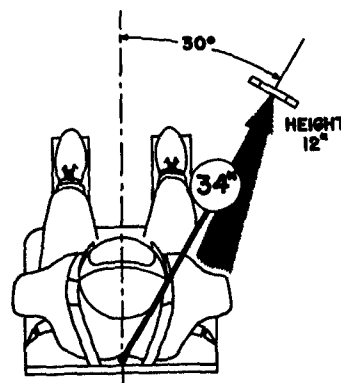
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

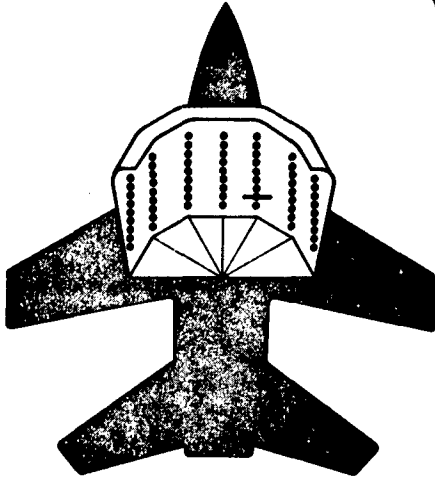
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	39.5	100.3	4.	40.0	101.6	6.	34.0	86.4	8.	40.0	101.6
2.	34.5	87.6	5.	40.0	101.6	7.	36.0	91.4	9.	41.0	104.1
3.	36.5	92.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	39.5	100.3	12.	41.0	104.1	14.	40.0	101.6	16.	39.0	99.1
11.	34.0	86.4	13.	40.0	101.6	15.	38.0	96.5	17.	41.0	104.1

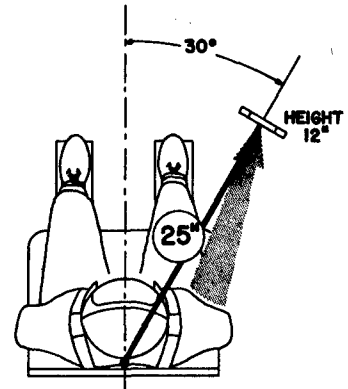
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 12" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

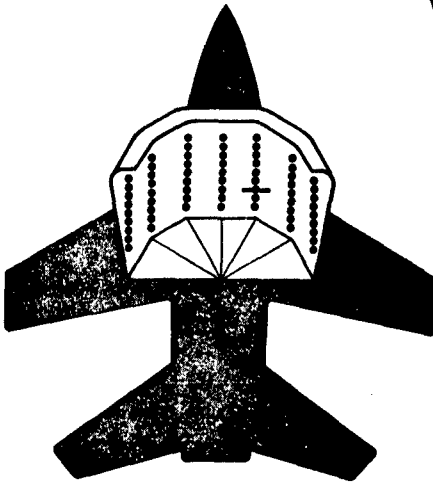
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1	4.	32.5	82.6	6.	25.0	63.5	8.	31.0	78.7
2.	27.0	68.6	5.	28.0	71.1	7.	23.5	59.7	9.	28.0	71.1
3.	28.0	71.1									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.5	69.9	12.	30.0	76.2	14.	31.5	80.0	16.	32.5	82.6
11.	27.0	68.6	13.	31.0	78.7	15.	33.5	85.1	17.	32.0	81.3

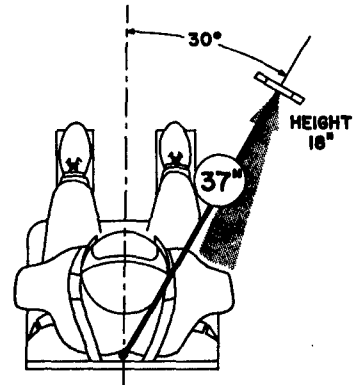
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 37" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

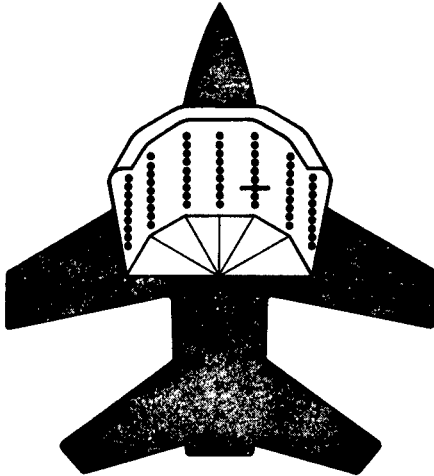
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.5	105.4	4.	42.0	106.7	6.	37.0	94.0	8.	42.5	108.0
2.	37.5	95.3	5.	43.0	109.2	7.	39.0	99.1	9.	43.0	109.2
3.	38.5	97.8									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.0	104.1	12.	42.5	108.0	14.	42.5	108.0	16.	44.0	111.8
11.	37.0	94.0	13.	41.5	105.4	15.	39.5	100.3	17.	43.5	110.5

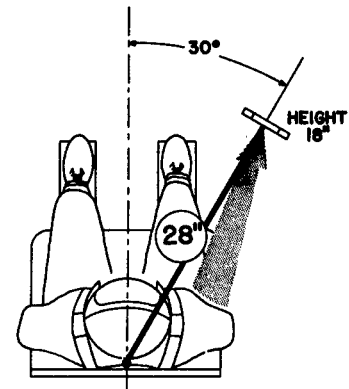
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

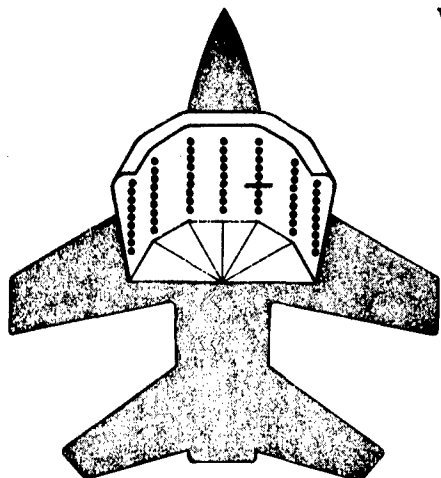
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.5	80.0	4.	34.5	87.6	6.	30.0	76.2	8.	33.5	85.1
2.	31.0	78.7	5.	32.0	81.3	7.	28.0	71.1	9.	31.5	80.0
3.	31.0	78.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7	12.	34.0	86.4	14.	34.0	86.4	16.	36.0	91.4
11.	29.5	74.9	13.	34.0	86.4	15.	36.5	92.7	17.	36.0	91.4

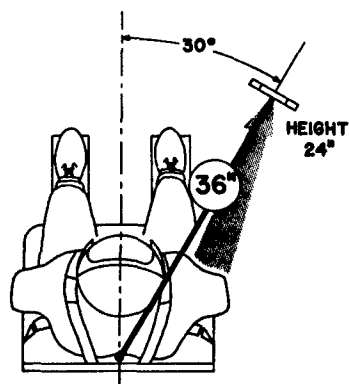
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 36" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

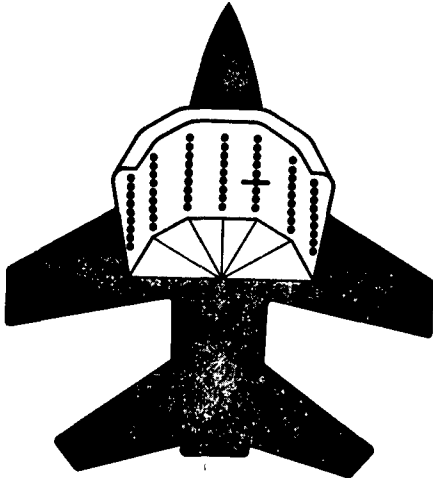
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.0	109.2	4.	43.0	109.2	6.	36.0	91.4	8.	43.5	110.5
2.	37.5	95.3	5.	42.0	106.7	7.	40.5	102.9	9.	44.0	111.8
3.	39.0	99.1									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.0	106.7	12.	43.0	109.2	14.	42.5	108.0	16.	44.5	113.0
11.	38.5	97.8	13.	42.0	106.7	15.	41.0	104.1	17.	43.5	110.5

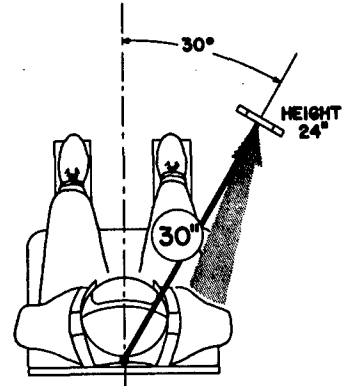
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

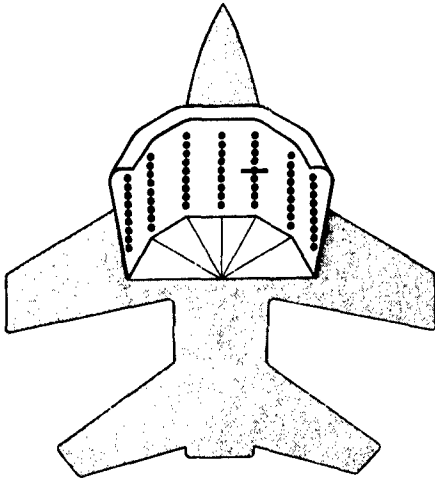
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.5	85.1	4.	36.5	92.7	6.	31.5	80.0	8.	34.0	86.4
2.	33.0	83.8	5.	33.0	83.8	7.	30.5	77.5	9.	33.0	83.8
3.	33.0	83.8									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.0	83.8	12.	35.0	88.9	14.	35.0	88.9	16.	37.0	94.0
11.	32.0	81.3	13.	35.0	88.9	15.	38.0	96.5	17.	37.5	95.3

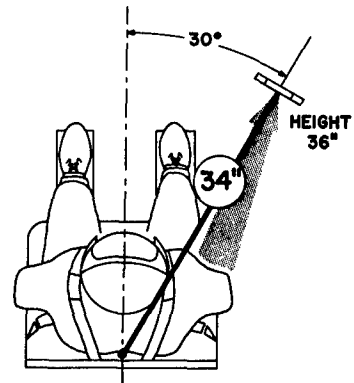
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

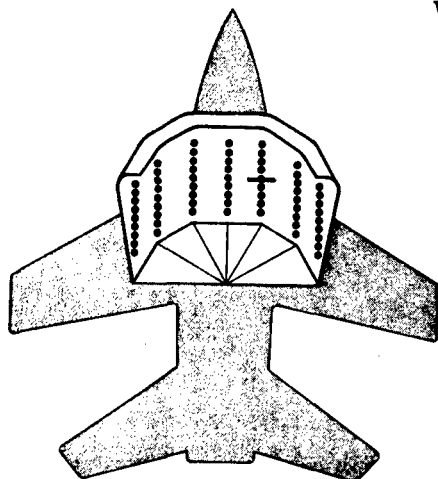
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	40.0	101.6	4.	40.5	102.9	6.	36.0	91.4	8.	40.5	102.9
2.	34.0	86.4	5.	39.0	99.1	7.	38.0	96.5	9.	42.0	106.7
3.	36.5	92.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	38.0	96.5	12.	41.0	104.1	14.	38.5	97.8	16.	40.5	102.9
11.	37.0	94.0	13.	39.0	99.1	15.	38.5	97.8	17.	40.0	101.6

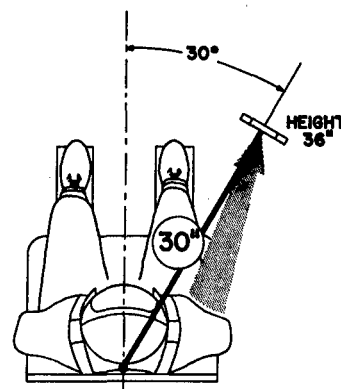
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

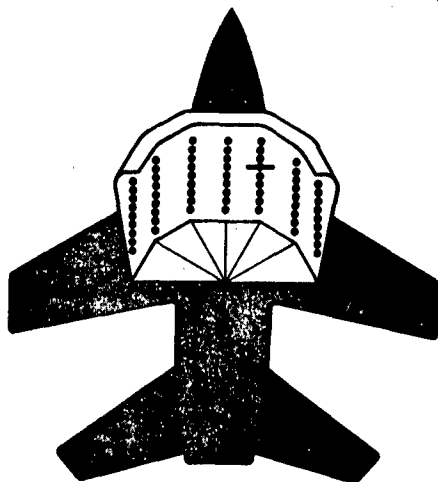
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3	4.	34.5	87.6	6.	30.5	77.5	8.	32.0	81.3
2.	31.5	80.0	5.	31.5	80.0	7.	31.0	78.7	9.	32.0	81.3
3.	31.5	80.0									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.0	81.3	12.	34.0	86.4	14.	33.5	85.1	16.	36.5	92.7
11.	30.5	77.5	13.	33.0	83.8	15.	36.5	92.7	17.	37.5	95.3

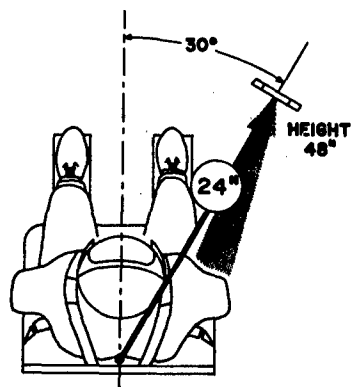
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

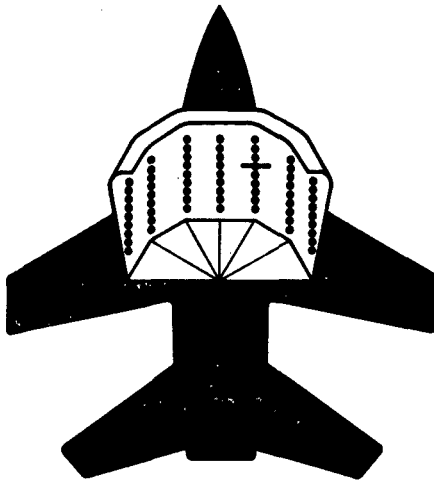
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	31.0	78.7	4.	32.0	81.3	6.	30.0	76.2	8.	32.5	82.6
2.	24.0	61.0	5.	30.0	76.2	7.	30.0	76.2	9.	33.0	83.8
3.	36.0	91.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	31.0	78.7	12.	33.0	83.8	14.	29.0	73.7	16.	33.5	85.1
11.	29.0	73.7	13.	30.0	76.2	15.	30.5	77.5	17.	32.5	82.6

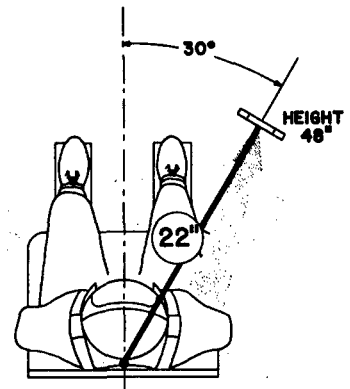
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

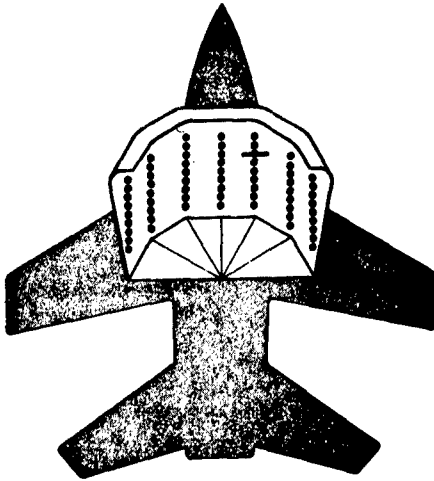
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	26.5	67.3	4.	28.5	72.4	6.	26.0	66.0	8.	26.0	66.0
2.	22.5	57.2	5.	25.5	64.8	7.	25.0	63.5	9.	26.0	66.0
3.	22.0	55.9									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	24.0	61.0	12.	30.0	76.2	14.	27.0	68.6	16.	28.5	72.4
11.	25.0	63.5	13.	27.5	69.9	15.	28.0	71.1	17.	29.5	74.9

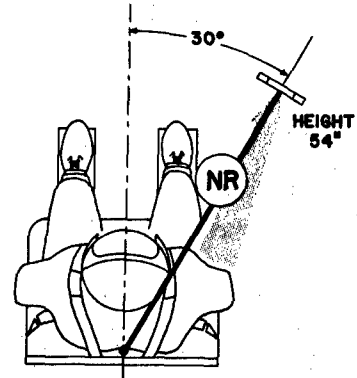
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

ed 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

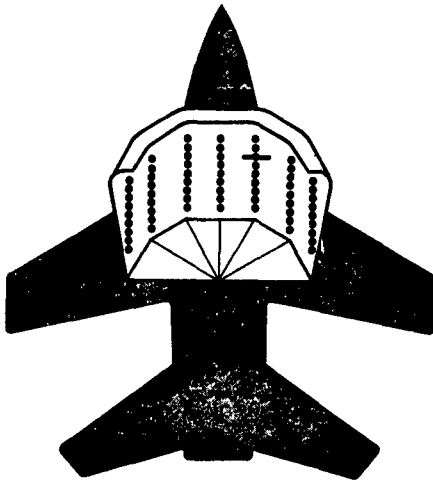
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	22.5	57.2	4.	21.5	54.6	6.	21.5	54.6	8.	22.0	55.9
2.	—	—	5.	21.5	54.6	7.	21.0	53.3	9.	25.5	64.8
3.	18.0	45.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	21.0	53.3	12.	23.5	59.7	14.	20.5	52.1	16.	27.0	68.6
11.	—	—	13.	22.5	57.2	15.	21.5	54.6	17.	25.5	64.8

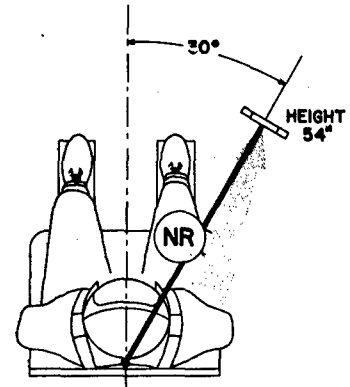
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

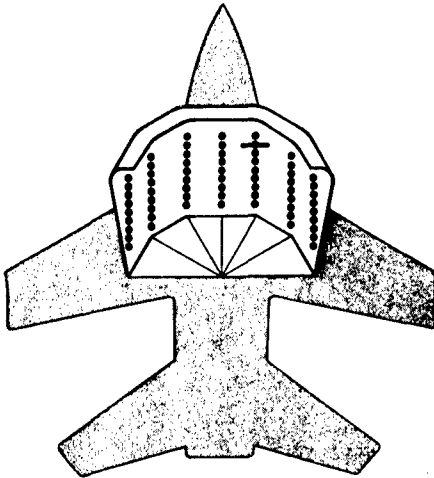
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	19.0	48.3	4.	21.5	54.6	6.	21.0	53.3	8.	21.0	53.3
2.	—	—	5.	20.0	50.8	7.	—	—	9.	19.5	49.5
3.	17.0	43.2									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	18.0	45.7	12.	24.5	62.2	14.	19.5	49.5	16.	22.5	57.2
11.	—	—	13.	20.5	52.1	15.	21.0	53.3	17.	24.5	62.2

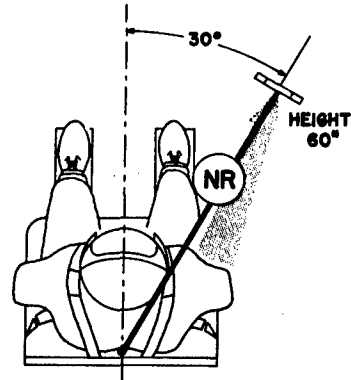
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f
ed 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

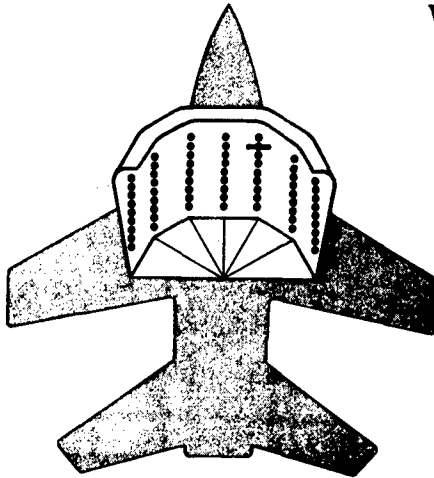
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	18.0	45.7	14.	—	—	16.	12.5	31.8
11.	—	—	13.	7.5	19.1	15.	—	—	17.	—	—

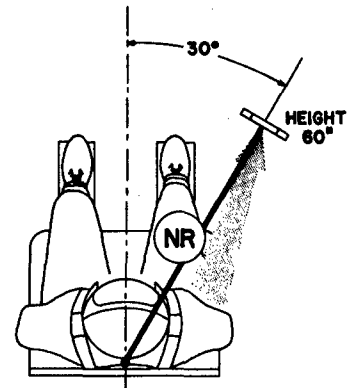
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

ed 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

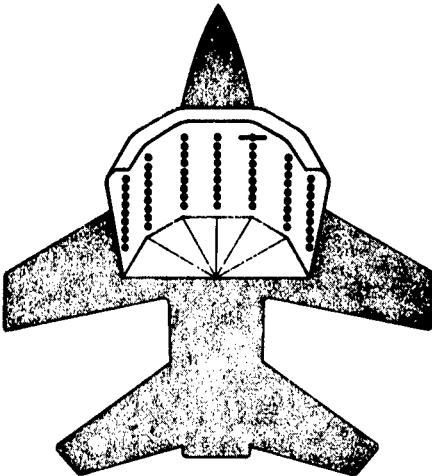
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	14.0	35.6	14.	—	—	16.	—	—
11.	—	—	13.	11.5	29.2	15.	—	—	17.	—	—

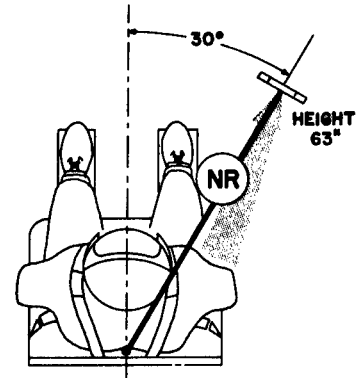
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

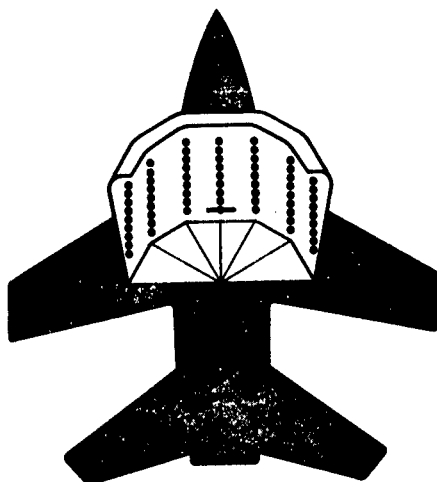
SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	—	—	4.	—	—	6.	—	—	8.	—	—
	2.	—	—	5.	—	—	7.	—	—	9.	—	—
	3.	—	—									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	—	—	12.	8.5	21.6	14.	—	—	16.	—	—
	11.	—	—	13.	—	—	15.	—	—	17.	—	—

NO FURTHER VALUES REACHED

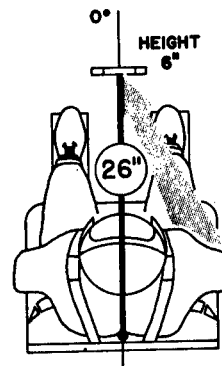
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 6" above the deck the knob must be placed no further than 26" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

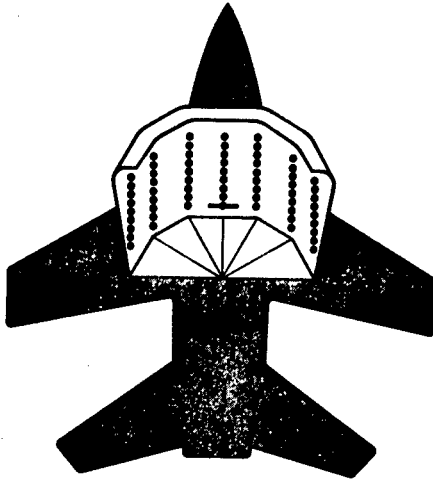
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	36.0	91.4	4.	35.5	90.2	6.	28.0	71.1	8.	32.5	82.6
2.	29.0	73.7	5.	32.5	82.6	7.	26.0	66.0	9.	34.0	86.4
3.	32.0	81.3									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7	12.	34.0	86.4	14.	30.5	77.5	16.	29.5	74.9
11.	27.5	69.9	13.	31.0	78.7	15.	28.0	71.1	17.	28.0	71.1

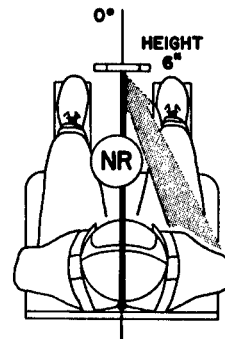
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 6" ^{in.}
f

LINE
further than —

NOT RECOMMENDED

SUBJECT REACH DATA

**SUIT
SIZE**

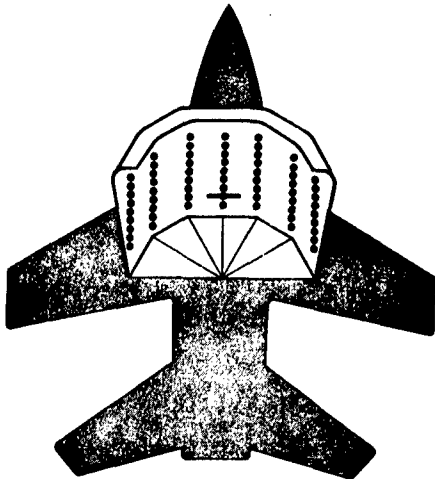
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	19.0	48.3	4.	23.5	59.7	6.	—	—	8.	20.0	50.8
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	19.5	49.5	14.	20.0	50.8	16.	21.5	54.6
11.	—	—	13.	20.0	50.8	15.	24.0	61.0	17.	—	—

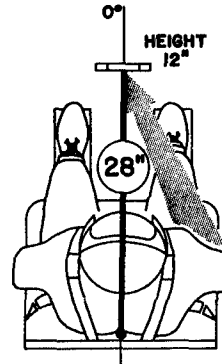
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 12" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

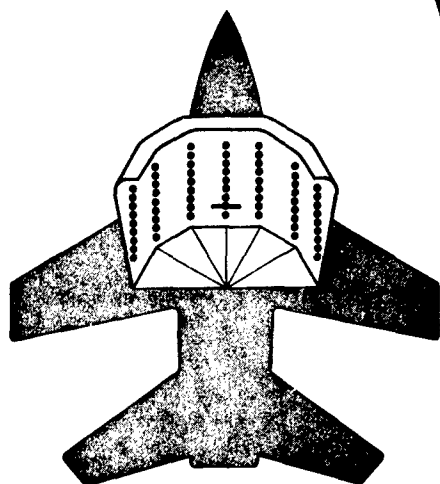
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	38.5	97.8	4.	39.0	99.1	6.	28.5	72.4	8.	35.0	88.9
2.	32.5	82.6	5.	35.5	90.2	7.	30.0	76.2	9.	38.0	96.5
3.	36.0	91.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	34.0	86.4	12.	38.0	96.5	14.	36.5	92.7	16.	33.0	83.8
11.	32.0	81.3	13.	36.5	92.7	15.	34.5	87.6	17.	33.5	85.1

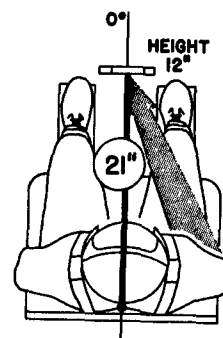
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 12" above the deck the knob must be placed no further than 21" from XSRP.

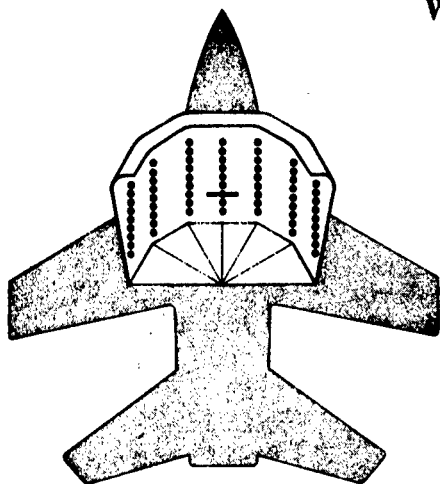
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	26.0	66.0	4.	28.5	72.4	6.	21.0	53.3	8.	26.0	66.0
	2.	24.0	61.0	5.	25.0	63.5	7.	—	—	9.	25.0	63.5
	3.	27.0	68.6									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	23.0	58.4	12.	25.0	63.5	14.	26.0	66.0	16.	29.5	74.9
	11.	21.0	53.3	13.	26.5	67.3	15.	30.5	77.5	17.	26.0	66.0

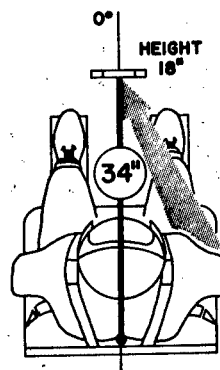
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 18" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.0	104.1	4.	41.0	104.1	6.	37.0	94.0	8.	39.0	99.1
2.	35.5	90.2	5.	38.0	96.5	7.	34.0	86.4	9.	41.0	104.1
3.	38.0	96.5									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.0	94.0	12.	40.5	102.9	14.	39.0	99.1	16.	38.5	97.8
11.	35.0	88.9	13.	39.0	99.1	15.	36.5	92.7	17.	37.0	94.0

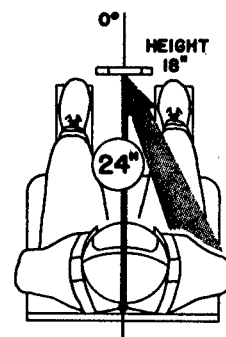
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 18" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

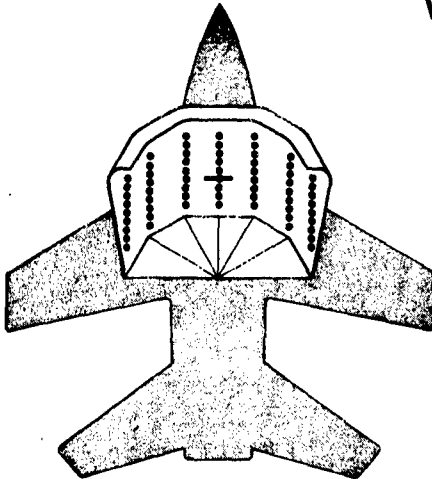
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2	4.	31.5	80.0	6.	25.0	63.5	8.	29.5	74.9
2.	28.5	72.4	5.	28.5	72.4	7.	24.0	61.0	9.	29.0	73.7
3.	30.5	77.5									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	25.5	64.8	12.	29.0	73.7	14.	30.0	76.2	16.	32.5	82.6
11.	26.5	67.3	13.	29.5	74.9	15.	33.0	83.8	17.	30.5	77.5

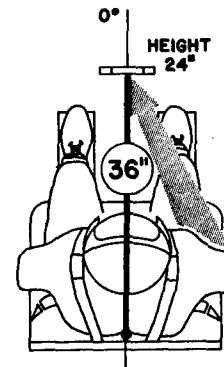
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 24" above the deck the knob must be placed no further than 36" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

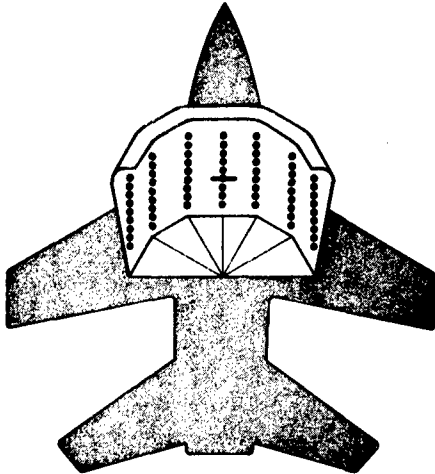
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.5	105.4	4.	42.0	106.7	6.	36.5	92.7	8.	39.0	99.1
2.	37.0	94.0	5.	38.5	97.8	7.	36.0	91.4	9.	42.0	106.7
3.	39.5	100.3									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	38.5	97.8	12.	42.0	106.7	14.	40.5	102.9	16.	40.0	101.6
11.	36.0	91.4	13.	39.0	99.1	15.	37.0	94.0	17.	39.0	99.1

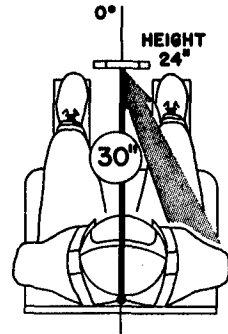
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 24" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

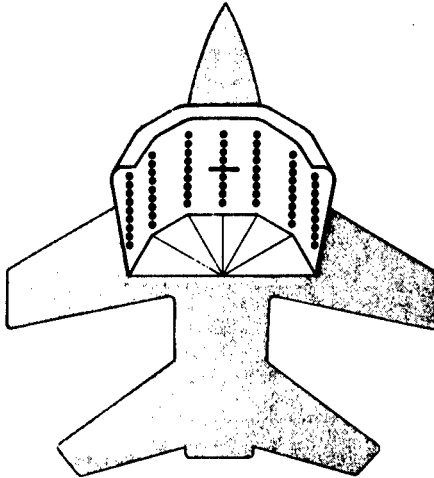
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3	4.	32.5	82.6	6.	28.0	71.1	8.	31.5	80.0
2.	30.5	77.5	5.	31.5	80.0	7.	28.0	71.1	9.	31.0	78.7
3.	33.0	83.8									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.0	71.1	12.	32.0	81.3	14.	32.0	81.3	16.	33.5	85.1
11.	29.0	73.7	13.	32.0	81.3	15.	34.5	87.6	17.	33.0	83.8

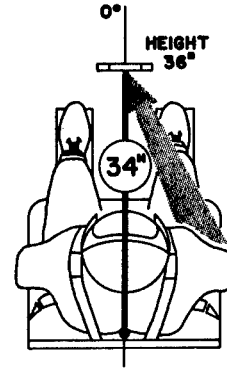
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 36" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

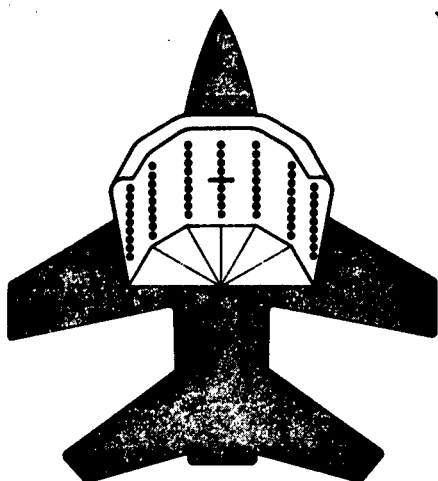
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1	4.	38.5	97.8	6.	36.5	92.7	8.	36.5	92.7
2.	34.5	87.6	5.	37.5	95.3	7.	37.0	94.0	9.	38.0	96.5
3.	38.0	96.5									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.5	95.3	12.	40.0	101.6	14.	37.5	95.3	16.	37.5	95.3
11.	34.5	87.6	13.	36.0	91.4	15.	37.0	94.0	17.	35.5	90.2

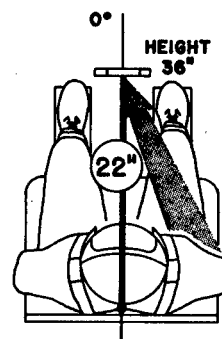
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 36" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

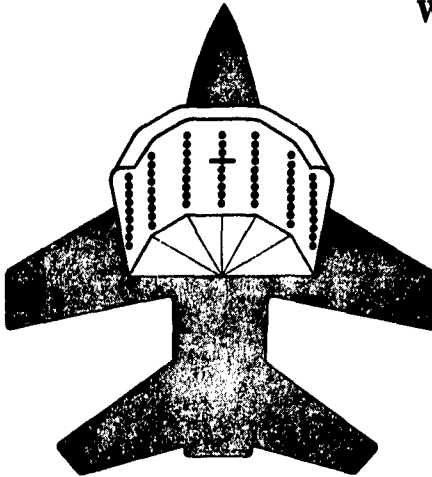
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.5	77.5	4.	32.0	81.3	6.	29.0	73.7	8.	31.5	80.0
2.	28.0	71.1	5.	29.0	73.7	7.	22.5	57.2	9.	30.0	76.2
3.	32.5	82.6									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.5	69.9	12.	32.0	81.3	14.	32.0	81.3	16.	33.5	85.1
11.	29.0	73.7	13.	30.0	76.2	15.	34.5	87.6	17.	33.0	83.8

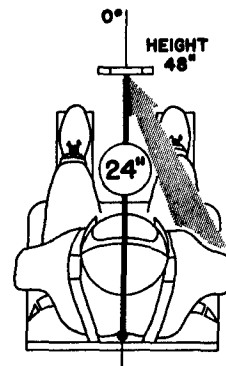
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 48" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

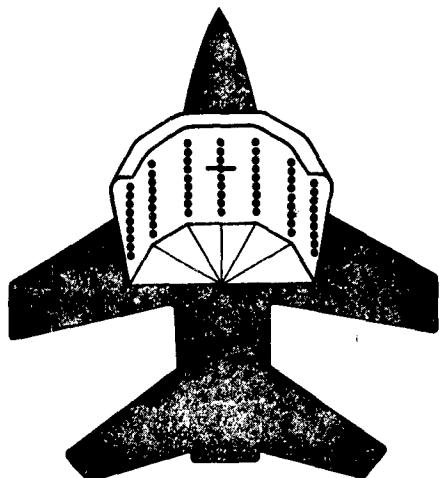
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.5	82.6	4.	30.5	77.5	6.	30.0	76.2	8.	31.0	78.7
2.	24.0	61.0	5.	29.5	74.9	7.	29.0	73.7	9.	30.0	76.2
3.	29.5	74.9									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	29.0	73.7	12.	33.0	83.8	14.	29.0	73.7	16.	30.0	76.2
11.	24.5	62.2	13.	30.5	77.5	15.	29.0	73.7	17.	28.0	71.1

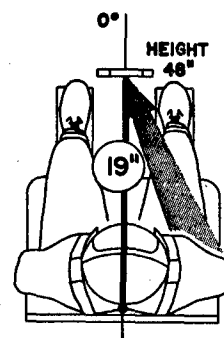
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 48" above the deck the knob must be placed no further than 19" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

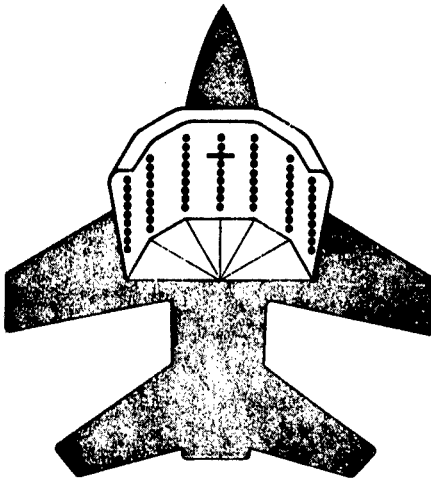
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	25.0	63.5	4.	25.0	63.5	6.	23.0	58.4	8.	25.5	64.8
2.	21.5	54.6	5.	22.0	55.9	7.	—	—	9.	24.0	61.0
3.	26.0	66.0									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	22.0	55.9	12.	27.0	68.6	14.	25.0	63.5	16.	26.5	67.3
11.	19.5	49.5	13.	26.5	67.3	15.	25.5	64.8	17.	26.0	66.0

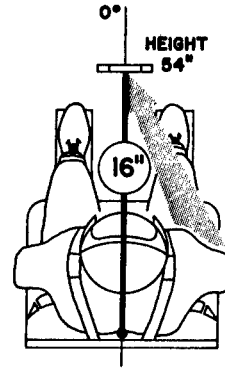
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 54" above the deck the knob must be placed no further than 16" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

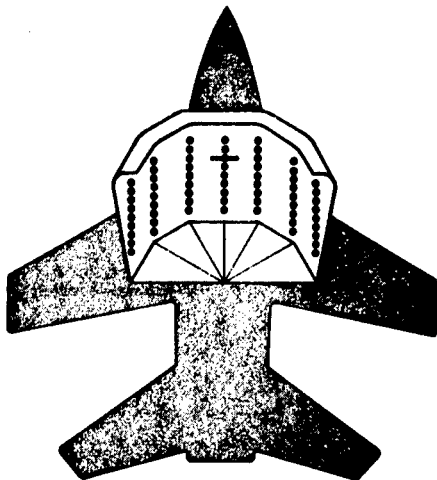
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	24.0	61.0	4.	24.5	62.2	6.	20.0	50.8	8.	21.5	54.6
2.	16.5	41.9	5.	23.0	58.4	7.	19.0	48.3	9.	23.0	58.4
3.	21.5	54.6									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	21.0	53.3	12.	25.5	64.8	14.	22.5	57.2	16.	24.5	62.2
11.	—	—	13.	22.5	57.2	15.	21.5	54.6	17.	21.5	54.6

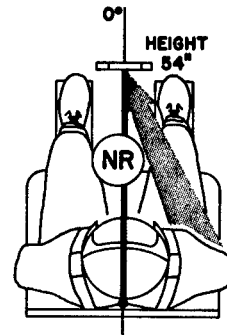
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 54" —
f —

CENTERLINE
no further than —

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

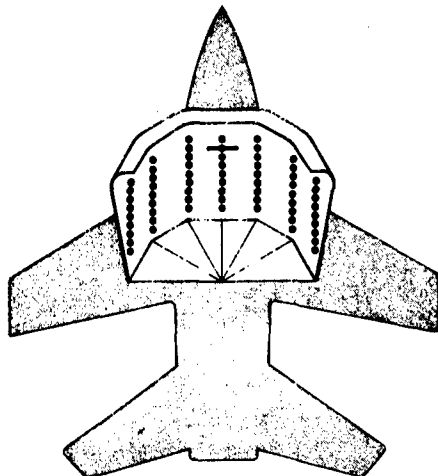
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	18.5	47.0	4.	17.5	44.5	6.	16.5	41.9	8.	18.0	45.7
2.	15.5	39.4	5.	16.5	41.9	7.	—	—	9.	18.0	45.7
3.	18.0	45.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	21.5	54.6	14.	18.5	47.0	16.	19.5	49.5
11.	—	—	13.	20.0	50.8	15.	20.0	50.8	17.	21.0	53.3

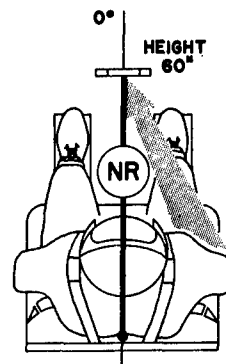
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
and 60" from
f

NOT RECOMMENDED

centerline
no further than —

SUBJECT REACH DATA

SUIT
SIZE

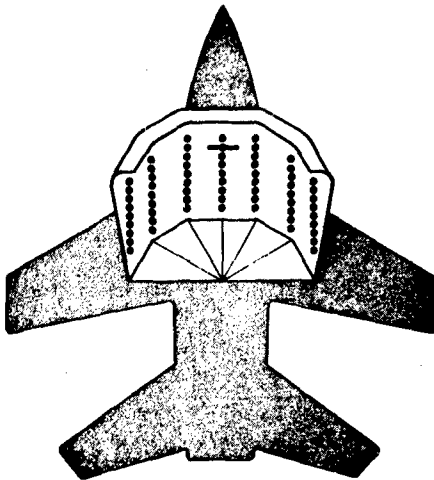
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	20.5	52.1	14.	—	—	16.	16.5	41.9
11.	—	—	13.	13.5	34.3	15.	—	—	17.	—	—

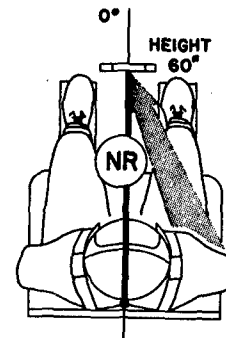
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 60" —
f

CENTERLINE
no further than —

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

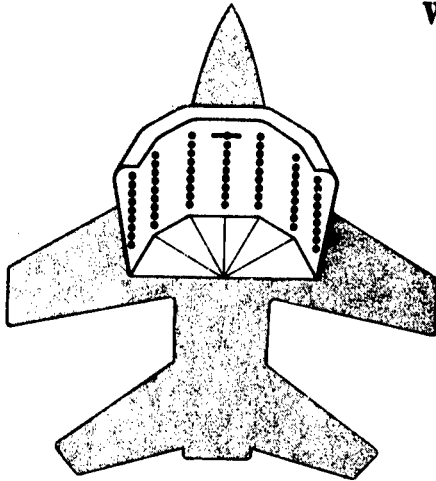
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	8.5	21.6	14.	—	—	16.	16.5	41.9
11.	—	—	13.	13.5	34.3	15.	—	—	17.	—	—

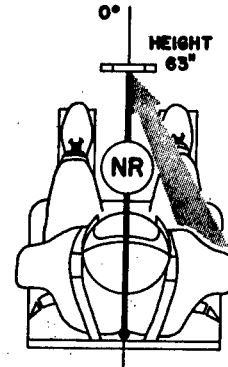
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
and 63"
f

NOT RECOMMENDED

no further than —

SUBJECT REACH DATA

SUIT
SIZE

SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

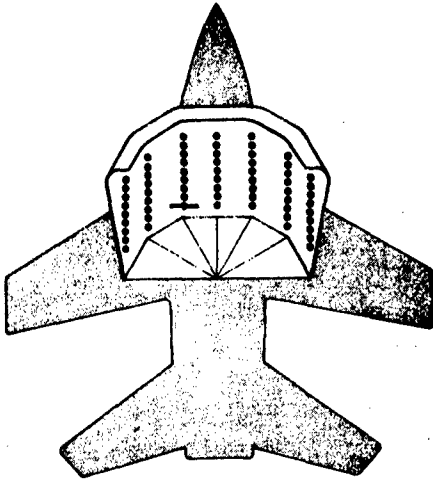
SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	3.5	8.9	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

NO FURTHER VALUES REACHED

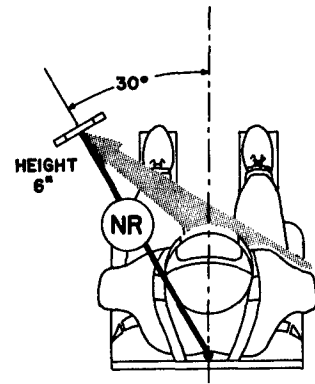
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
LEFT
f.

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

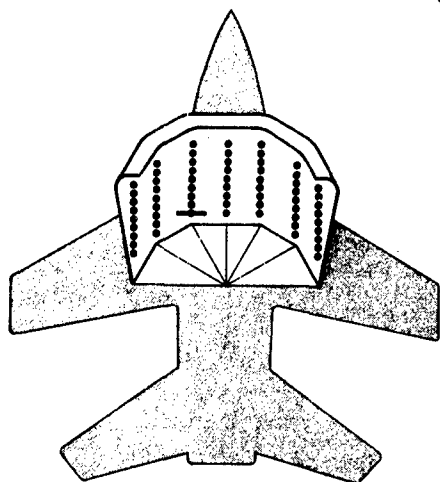
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	33.5	85.1	4.	29.0	73.7	6.	—	—	8.	—	—
2.	—	—	5.	25.0	63.5	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	32.0	81.3	14.	—	—	16.	—	—
11.	—	—	13.	29.5	74.9	15.	—	—	17.	—	—

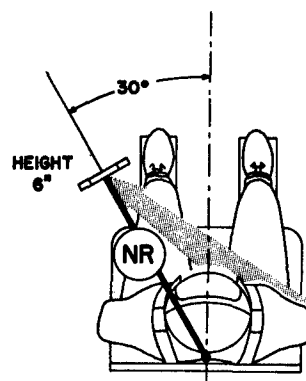
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

tilted 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

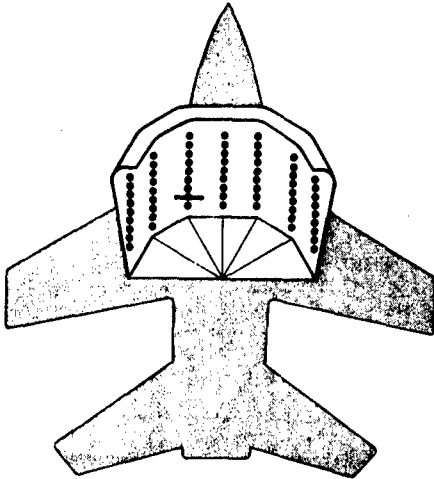
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

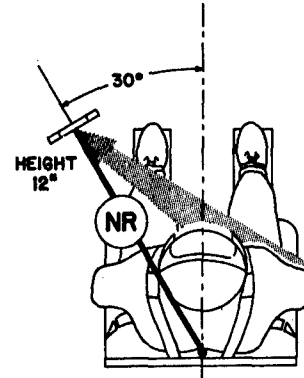
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

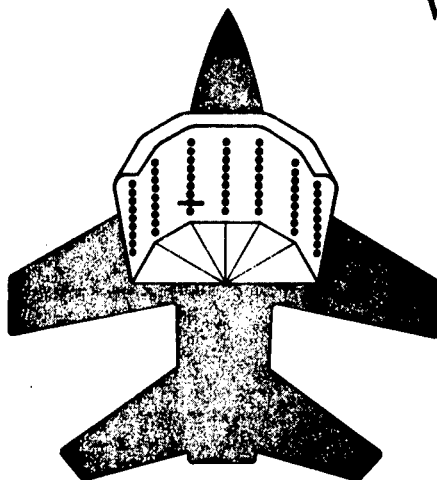
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	36.5	92.7	4.	34.0	86.4	6.	—	—	8.	29.0	73.7
2.	24.0	61.0	5.	32.0	81.3	7.	26.5	67.3	9.	32.0	81.3
3.	29.0	73.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	28.0	71.1	12.	35.5	90.2	14.	29.5	74.9	16.	—	—
11.	26.0	66.0	13.	34.0	86.4	15.	29.0	73.7	17.	—	—

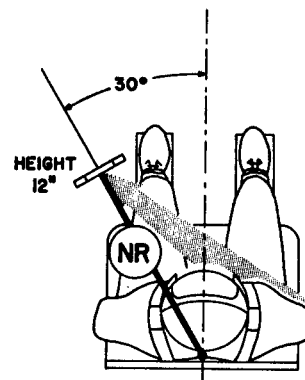
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate ...
LEFT ...
f

...ed 30° to the
...op must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

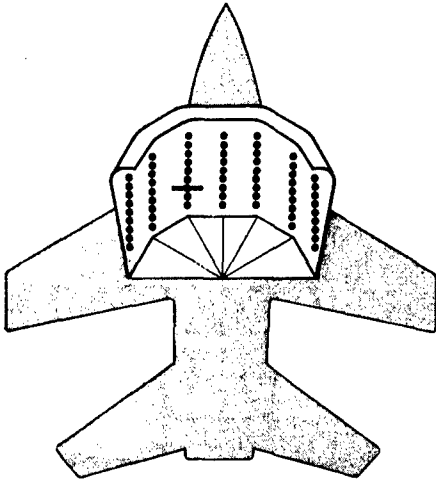
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	25.0	63.5	4.	24.5	62.2	6.	—	—	8.	—	—
2.	—	—	5.	23.5	59.7	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	24.5	62.2	16.	—	—
11.	—	—	13.	24.5	62.2	15.	27.0	68.6	17.	—	—

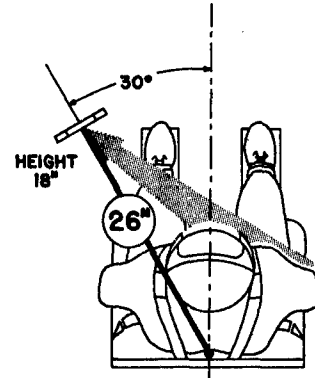
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 26" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

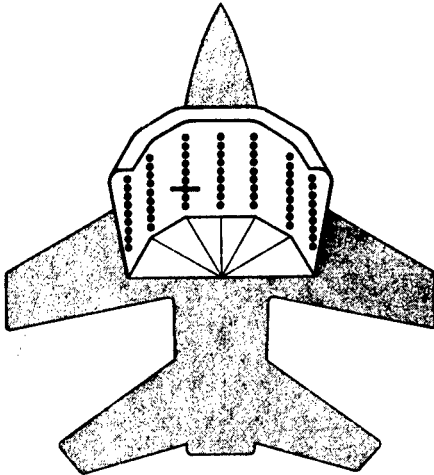
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	38.5	97.8	4.	38.5	97.8	6.	28.0	71.1	8.	32.5	82.6
2.	30.5	77.5	5.	36.0	91.4	7.	32.0	81.3	9.	38.0	96.5
3.	34.0	86.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	33.0	83.8	12.	39.0	99.1	14.	36.0	91.4	16.	30.0	76.2
11.	29.0	73.7	13.	36.5	92.7	15.	33.0	83.8	17.	26.0	66.0

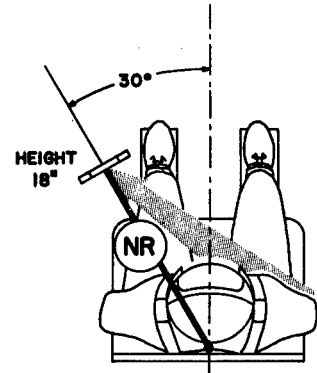
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

ed 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

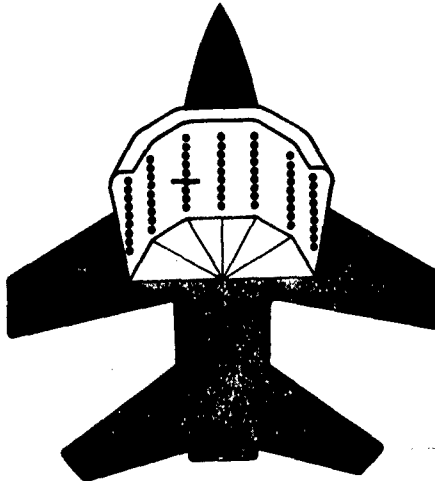
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	29.0	73.7	4.	27.5	69.9	6.	—	—	8.	25.0	63.5
2.	22.5	57.2	5.	27.5	69.9	7.	—	—	9.	25.0	63.5
3.	21.0	53.3									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	29.0	73.7	14.	27.0	68.6	16.	30.0	76.2
11.	24.0	61.0	13.	27.5	69.9	15.	30.5	77.5	17.	28.0	58.4

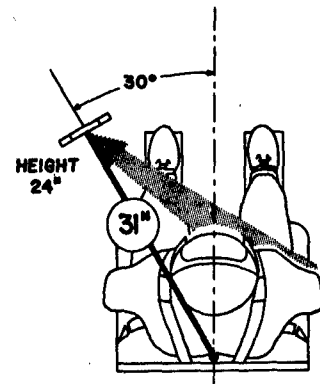
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

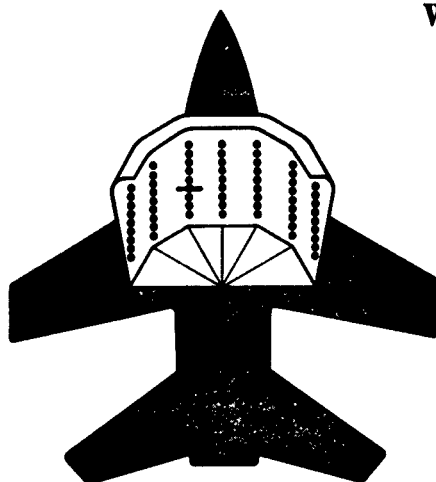
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1	4.	40.0	101.6	6.	31.0	78.7	8.	34.5	87.6
2.	32.5	82.6	5.	36.0	91.4	7.	32.0	81.3	9.	39.0	99.1
3.	36.0	91.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	35.0	88.9	12.	40.5	102.9	14.	37.0	94.0	16.	32.0	81.3
11.	32.0	81.3	13.	37.0	94.0	15.	35.0	88.9	17.	30.5	77.5

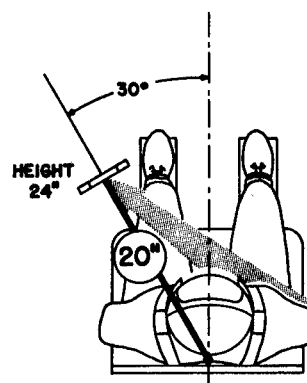
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 20" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

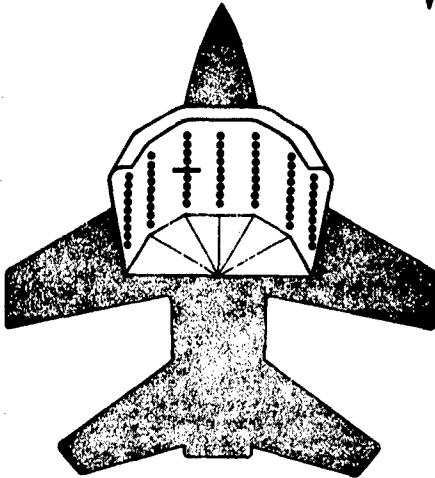
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7	4.	28.5	72.4	6.	25.0	63.5	8.	26.5	67.3
2.	26.0	66.0	5.	29.5	74.9	7.	20.5	52.1	9.	27.0	68.6
3.	25.5	64.8									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	23.0	58.4	12.	28.0	71.1	14.	29.0	73.7	16.	32.0	81.3
11.	26.0	66.0	13.	30.0	76.2	15.	32.5	82.6	17.	27.0	68.6

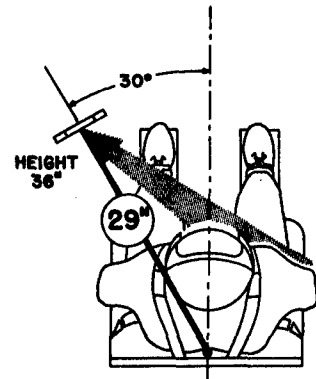
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

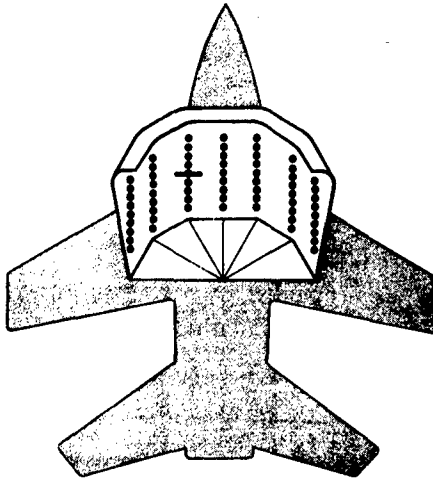
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	36.5	92.7	4.	37.5	95.3	6.	29.5	74.9	8.	32.0	81.3
2.	32.5	82.6	5.	34.0	86.4	7.	34.0	86.4	9.	37.0	94.0
3.	34.0	86.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.5	87.6	12.	40.5	102.9	14.	36.0	91.4	16.	32.5	82.6
11.	30.5	77.5	13.	37.0	94.0	15.	35.0	88.9	17.	29.0	73.7

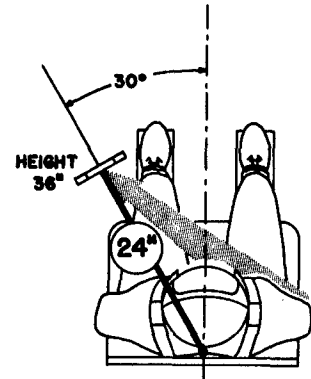
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

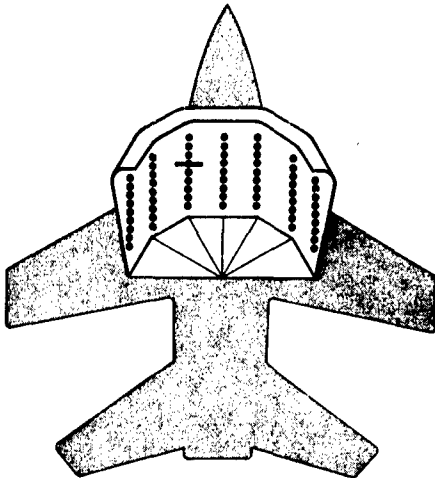
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7	4.	28.5	72.4	6.	26.0	66.0	8.	27.0	68.6
2.	26.0	66.0	5.	29.0	73.7	7.	24.0	61.0	9.	27.0	68.6
3.	25.0	63.5									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	24.5	62.2	12.	30.0	76.2	14.	28.0	71.1	16.	32.0	81.3
11.	25.0	63.5	13.	30.0	76.2	15.	31.5	80.0	17.	27.0	68.6

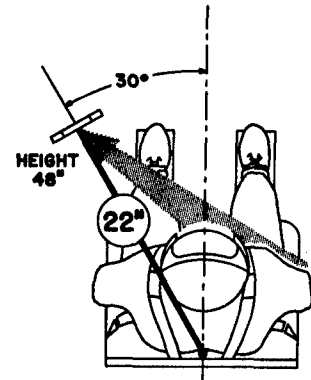
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

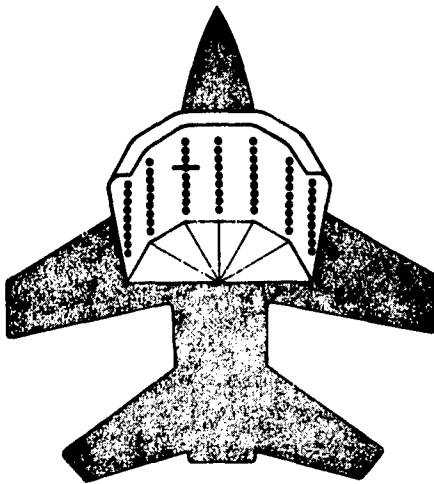
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2	4.	31.5	80.0	6.	25.0	63.5	8.	22.0	55.9
2.	22.5	57.2	5.	26.0	66.0	7.	23.5	59.7	9.	29.0	73.7
3.	34.0	86.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	25.5	64.8	12.	32.5	82.6	14.	27.5	69.9	16.	26.5	67.3
11.	22.5	57.2	13.	31.0	78.7	15.	24.5	62.2	17.	23.0	58.4

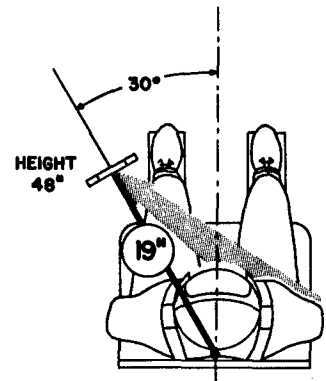
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 19" from XSRP.

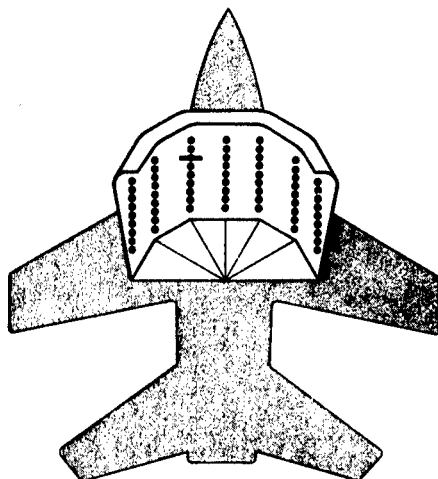
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	22.0	55.9	4.	22.0	55.9	6.	20.0	50.8	8.	20.0	50.8
	2.	19.5	49.5	5.	20.0	50.8	7.	20.0	50.8	9.	21.5	54.6
	3.	19.0	48.3									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	18.5	47.0	12.	25.0	63.5	14.	21.5	54.6	16.	26.5	67.3
	11.	19.5	49.5	13.	25.0	63.5	15.	25.0	63.5	17.	20.0	50.8

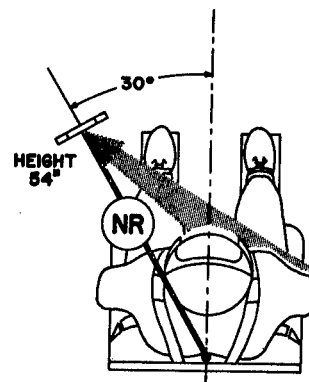
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

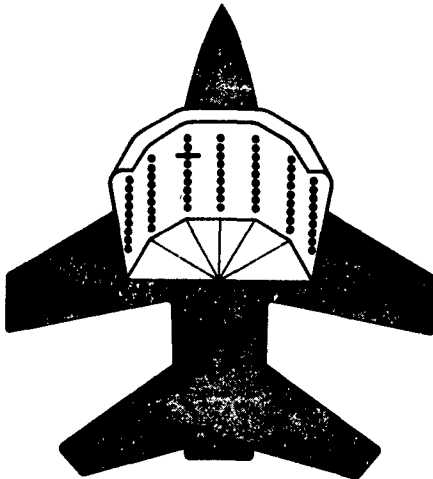
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	22.5	57.2	4.	24.5	62.2	6.	—	—	8.	19.0	48.3
2.	—	—	5.	21.5	54.6	7.	—	—	9.	18.0	45.7
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	22.0	55.9	12.	28.0	71.1	14.	21.0	53.3	16.	22.0	55.9
11.	—	—	13.	27.0	68.6	15.	21.0	53.3	17.	18.0	45.7

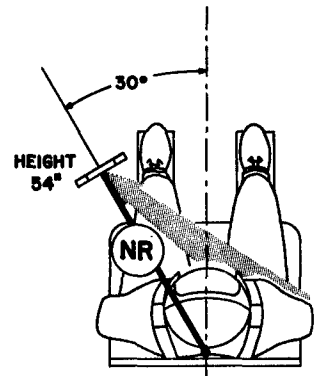
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

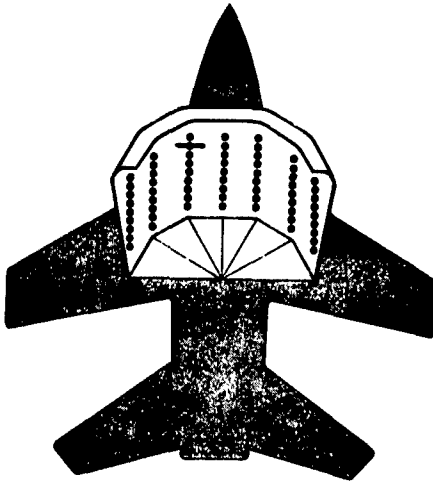
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	18.0	45.7	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	19.5	49.5	14.	18.0	45.7	16.	24.5	62.2
11.	—	—	13.	19.0	48.3	15.	21.0	53.3	17.	—	—

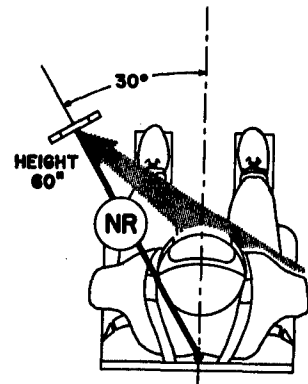
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
f... 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

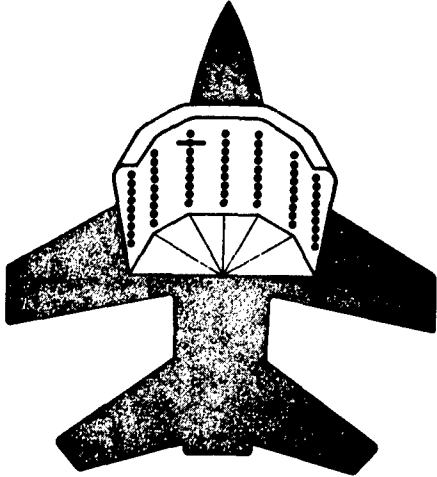
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	19.5	49.5	14.	—	—	16.	11.5	29.2
11.	—	—	13.	14.0	35.6	15.	—	—	17.	—	—

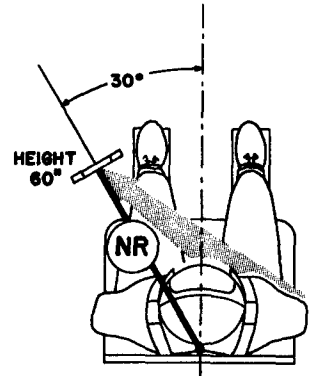
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

tilted 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

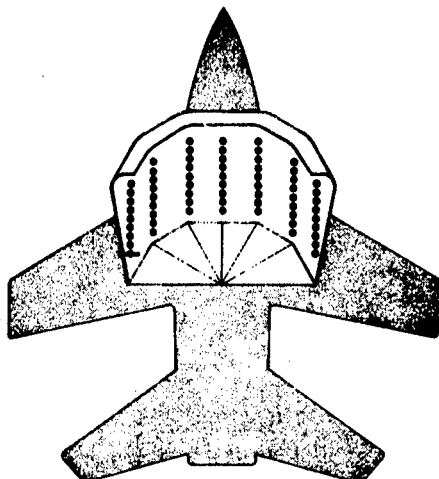
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	5.0	12.7	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

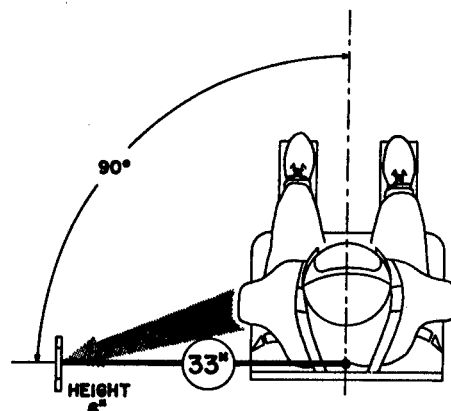
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

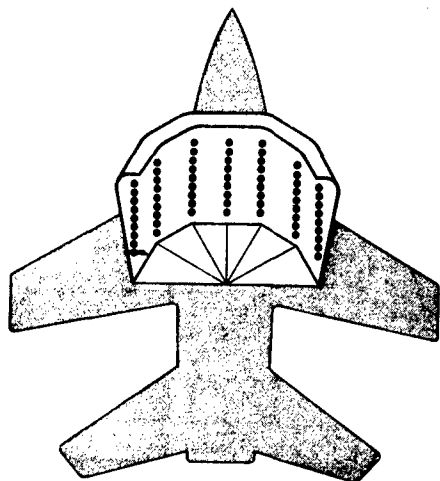
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	41.0	104.1	4.	37.0	94.0	6.	29.0	73.7	8.	41.5	105.4
2.	35.0	88.9	5.	36.5	92.7	7.	35.0	88.9	9.	41.0	104.1
3.	36.0	91.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	37.5	95.3	12.	40.5	102.9	14.	42.0	106.7	16.	40.0	101.6
11.	33.0	83.8	13.	43.5	110.5	15.	40.0	101.6	17.	34.0	86.4

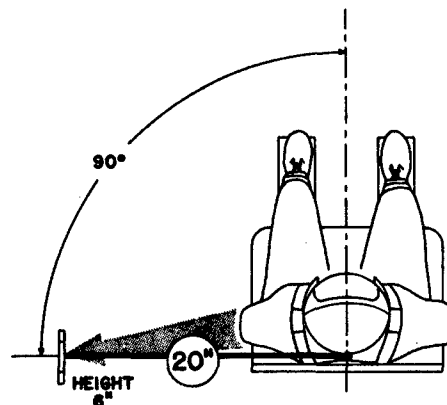
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 20" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

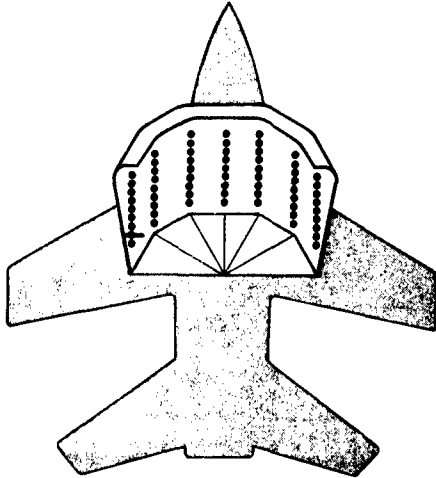
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7	4.	32.5	82.6	6.	20.0	50.8	8.	29.0	73.7
2.	27.5	69.9	5.	25.5	64.8	7.	22.0	55.9	9.	26.0	66.0
3.	27.0	68.6									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	25.0	63.5	12.	30.0	76.2	14.	31.5	80.0	16.	37.0	94.0
11.	26.5	67.3	13.	31.5	80.0	15.	34.0	86.4	17.	27.0	68.6

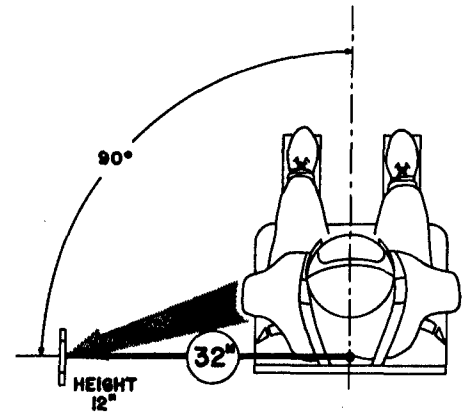
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 32" from XSRP.

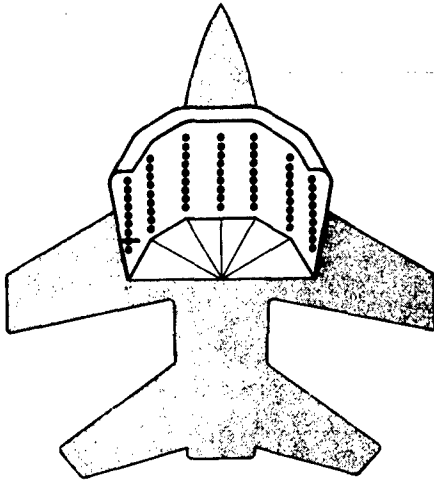
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	43.5	110.5	4.	39.5	100.3	6.	32.5	82.6	8.	44.0	111.8
	2.	38.0	96.5	5.	40.5	102.9	7.	39.0	99.1	9.	43.0	109.2
	3.	40.0	101.6									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	42.0	106.7	12.	43.0	109.2	14.	45.0	114.3	16.	43.0	109.2
	11.	37.0	94.0	13.	46.0	116.8	15.	43.5	110.5	17.	39.0	99.1

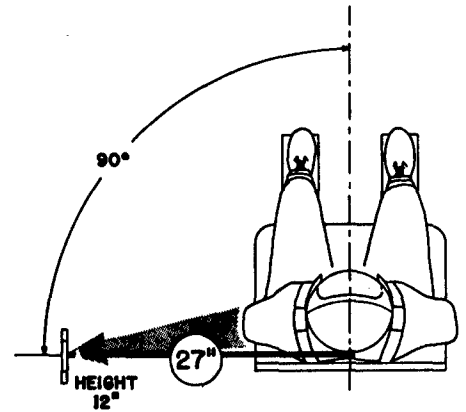
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

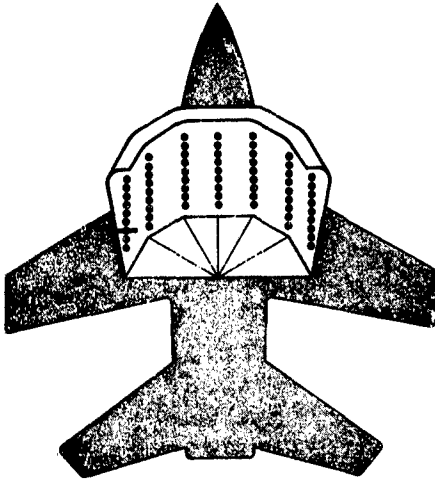
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	36.0	91.4	4.	35.5	90.2	6.	27.5	69.9	8.	33.0	83.8
2.	32.0	81.3	5.	32.0	81.3	7.	29.0	73.7	9.	31.0	78.7
3.	32.0	81.3									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	28.5	72.4	12.	34.0	86.4	14.	36.0	91.4	16.	40.5	102.9
11.	30.0	76.2	13.	36.0	91.4	15.	38.0	96.5	17.	33.0	83.8

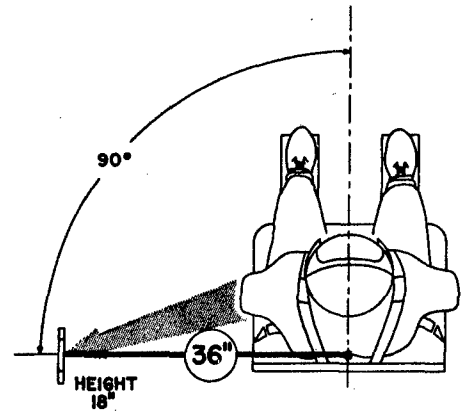
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 36" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

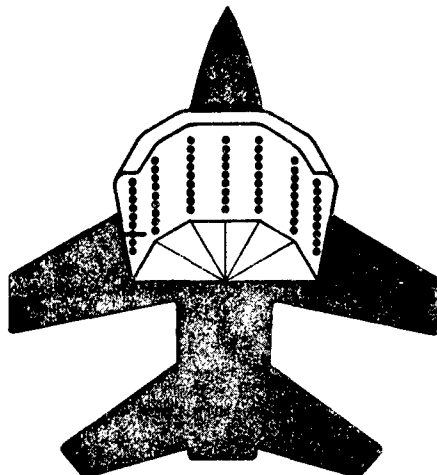
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	44.5	113.0	4.	42.0	106.7	6.	36.0	91.4	8.	45.0	114.3
2.	39.5	100.3	5.	43.0	109.2	7.	42.0	106.7	9.	46.0	116.8
3.	41.0	104.1									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	43.0	109.2	12.	45.0	114.3	14.	46.0	116.8	16.	44.0	111.8
11.	41.0	104.1	13.	46.5	118.1	15.	45.0	114.3	17.	41.5	105.4

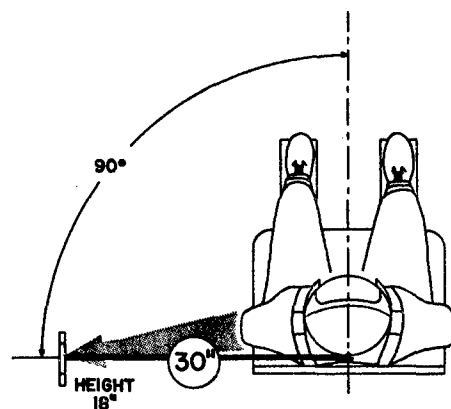
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

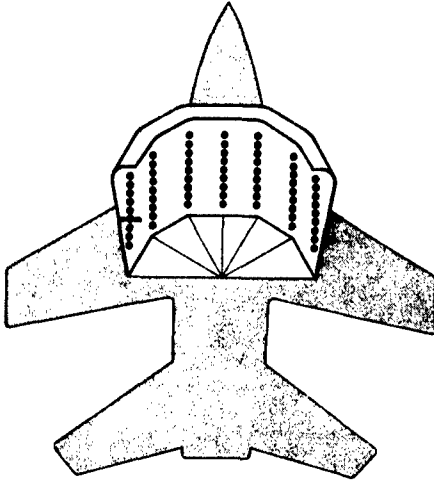
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	38.0	96.5	4.	37.5	95.3	6.	30.0	76.2	8.	37.0	94.0
2.	35.0	88.9	5.	35.0	88.9	7.	32.0	81.3	9.	34.5	87.6
3.	35.5	90.2									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.0	83.8	12.	37.0	94.0	14.	39.0	99.1	16.	42.5	108.0
11.	34.0	86.4	13.	38.5	97.8	15.	41.0	104.1	17.	36.5	92.7

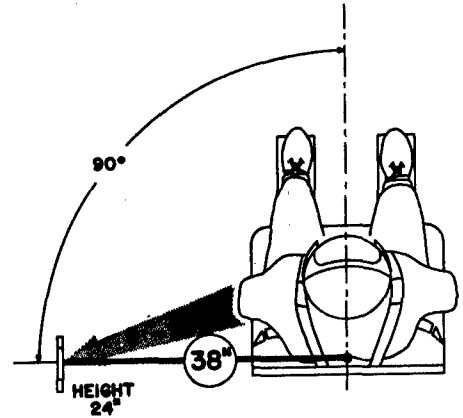
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 38" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

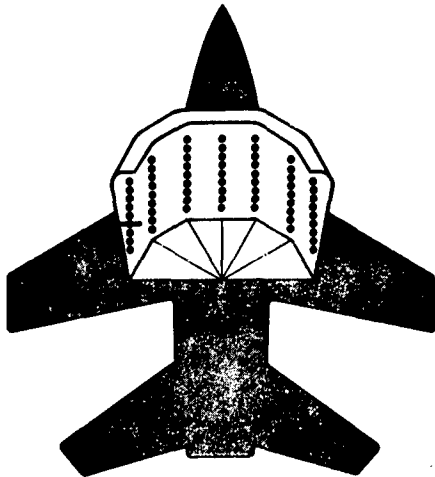
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.0	106.7	4.	43.0	109.2	6.	38.5	97.8	8.	45.0	114.3
2.	39.5	100.3	5.	43.0	109.2	7.	42.0	106.7	9.	46.5	118.1
3.	42.0	106.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	43.0	109.2	12.	45.0	114.3	14.	46.0	116.8	16.	44.0	111.8
11.	41.0	104.1	13.	46.5	118.1	15.	45.0	114.3	17.	43.5	110.5

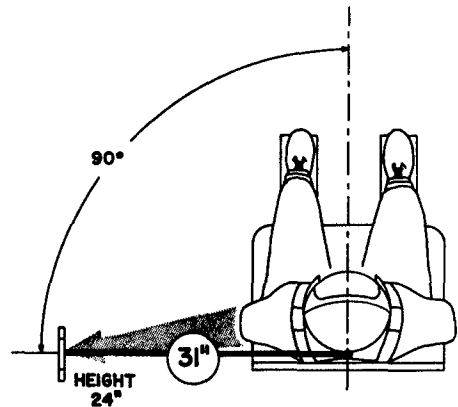
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

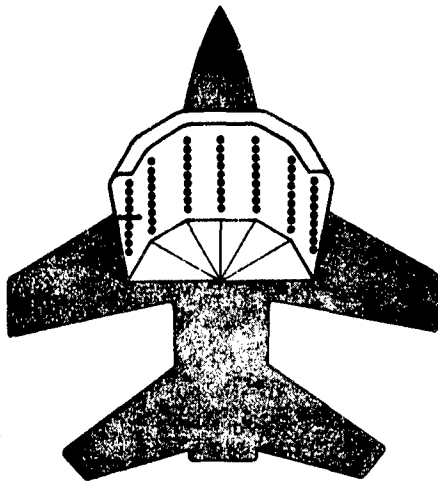
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1	4.	38.5	97.8	6.	31.5	80.0	8.	38.5	97.8
2.	36.5	92.7	5.	36.0	91.4	7.	34.5	87.6	9.	36.5	92.7
3.	37.0	94.0									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.5	87.6	12.	39.0	99.1	14.	40.0	101.6	16.	43.5	110.5
11.	36.0	91.4	13.	39.0	99.1	15.	42.0	106.7	17.	38.0	96.5

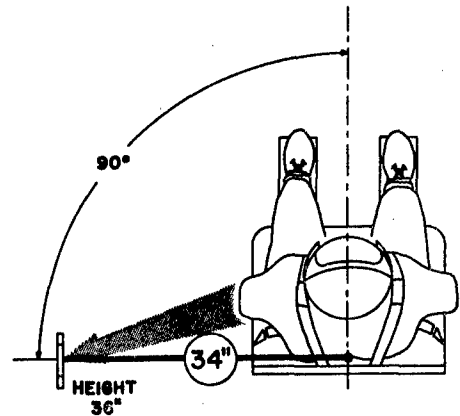
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

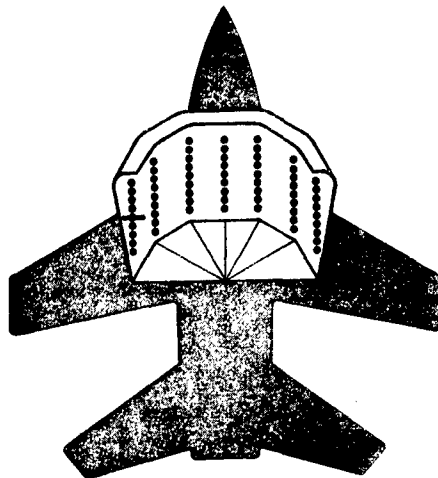
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4	4.	39.0	99.1	6.	37.5	95.3	8.	40.0	101.6
2.	36.0	91.4	5.	40.0	101.6	7.	40.0	101.6	9.	42.5	108.0
3.	39.0	99.1									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.0	104.1	12.	41.5	105.4	14.	43.0	109.2	16.	41.5	105.4
11.	38.5	97.8	13.	42.5	108.0	15.	44.0	111.8	17.	39.5	100.3

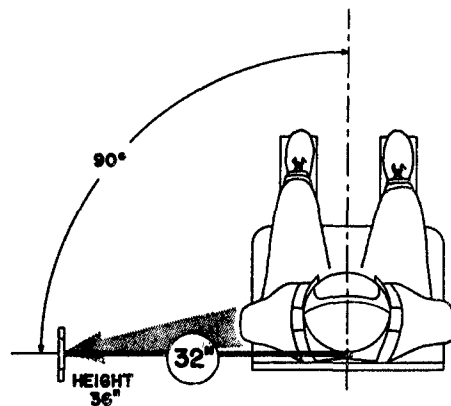
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

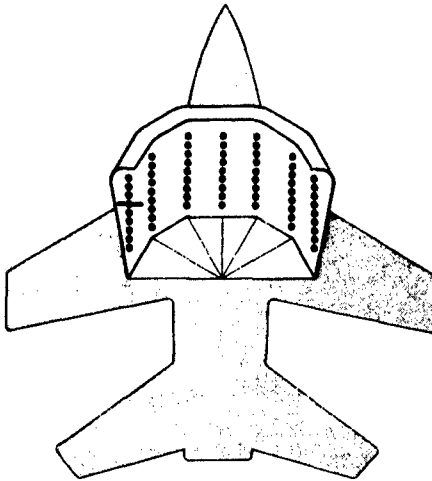
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	37.0	94.0	4.	38.0	96.5	6.	32.0	81.3	8.	37.0	94.0
2.	32.5	82.6	5.	35.0	88.9	7.	34.0	86.4	9.	36.5	92.7
3.	36.5	92.7									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4	12.	38.5	97.8	14.	37.0	94.0	16.	41.0	104.1
11.	34.5	87.6	13.	36.0	91.4	15.	41.0	104.1	17.	37.5	95.3

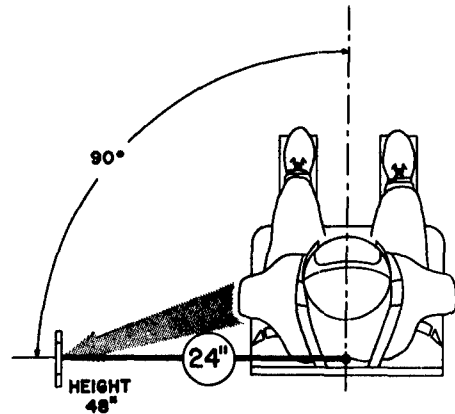
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

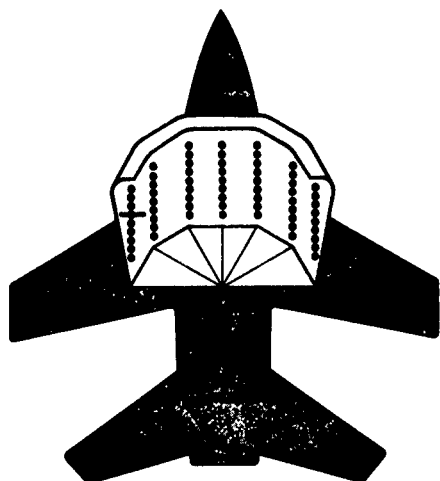
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.0	83.8	4.	31.0	78.7	6.	25.0	63.5	8.	32.5	82.6
2.	24.5	62.2	5.	29.0	73.7	7.	31.5	80.0	9.	34.0	86.4
3.	32.5	82.6									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.0	83.8	12.	33.0	83.8	14.	34.0	86.4	16.	33.5	85.1
11.	28.0	71.1	13.	34.0	86.4	15.	33.5	85.1	17.	30.0	76.2

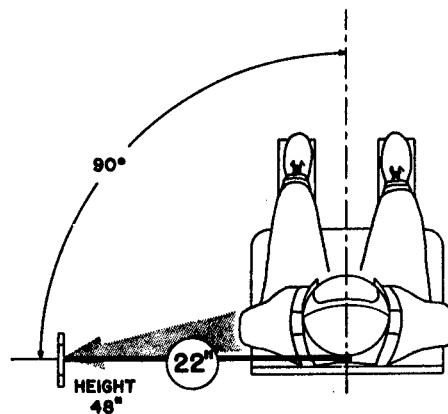
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 90° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

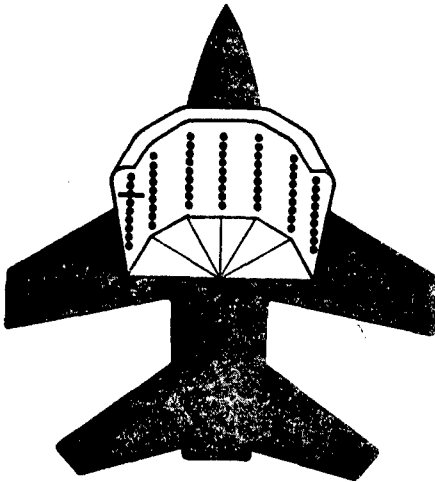
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3	4.	28.5	72.4	6.	22.5	57.2	8.	33.0	83.8
2.	24.0	61.0	5.	28.5	72.4	7.	27.0	68.6	9.	26.5	67.3
3.	30.0	76.2									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	25.0	63.5	12.	33.5	85.1	14.	30.0	76.2	16.	33.0	83.8
11.	26.0	66.0	13.	31.5	80.0	15.	32.5	82.6	17.	28.5	72.4

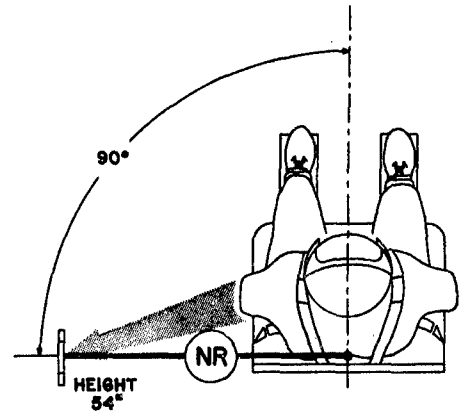
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

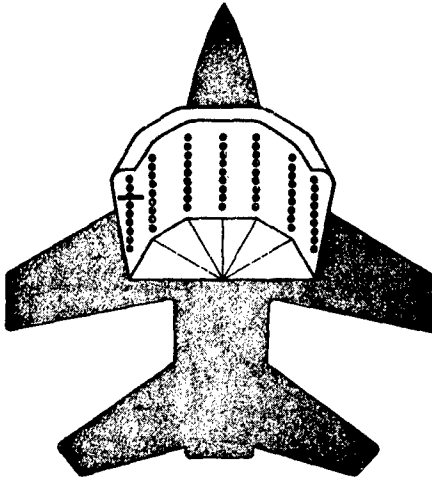
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	25.5	64.8	4.	33.0	83.8	6.	—	—	8.	24.5	62.2
2.	—	—	5.	22.5	57.2	7.	18.0	45.7	9.	21.5	54.6
3.	21.0	53.3									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	19.5	49.5	12.	28.5	72.4	14.	26.0	66.0	16.	27.5	69.9
11.	—	—	13.	25.0	63.5	15.	23.5	59.7	17.	21.0	53.3

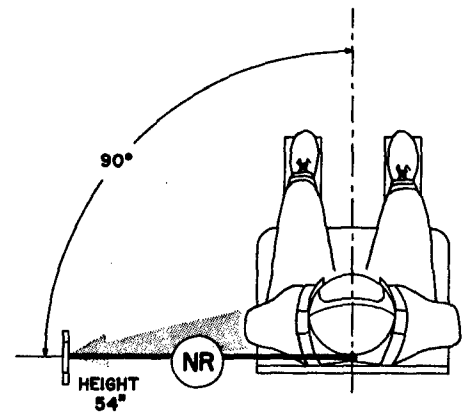
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

used 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

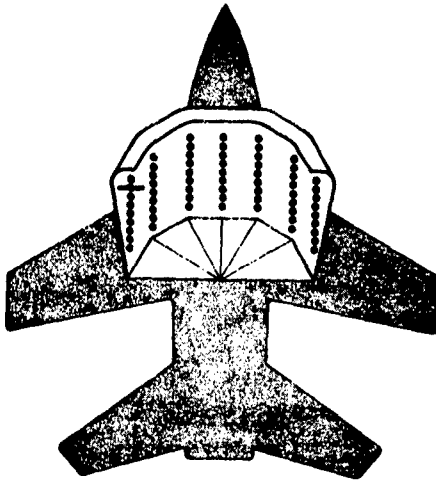
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	23.5	59.7	4.	21.0	53.3	6.	—	—	8.	25.0	63.5
2.	13.0	33.0	5.	20.5	52.1	7.	—	—	9.	23.5	59.7
3.	21.0	53.3									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	17.5	44.5	12.	27.0	68.6	14.	24.0	61.0	16.	27.0	68.6
11.	—	—	13.	26.5	67.3	15.	24.5	62.2	17.	16.5	41.9

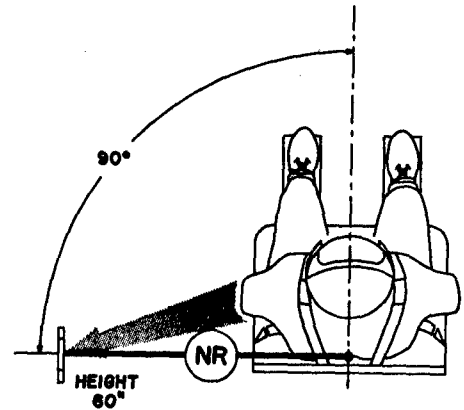
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

placed 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

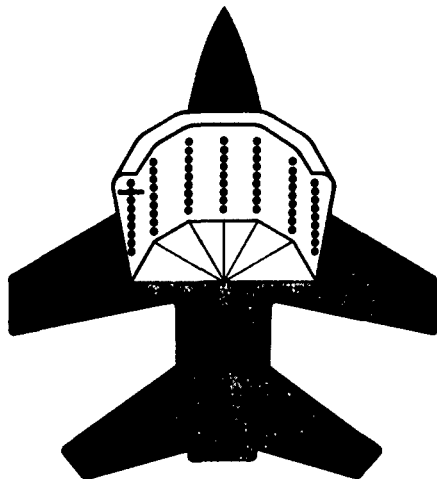
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	16.5	41.9	14.	—	—	16.	16.5	41.9
11.	—	—	13.	—	—	15.	—	—	17.	—	—

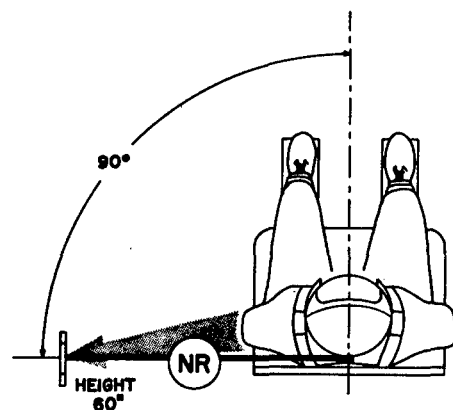
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
from

ed 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

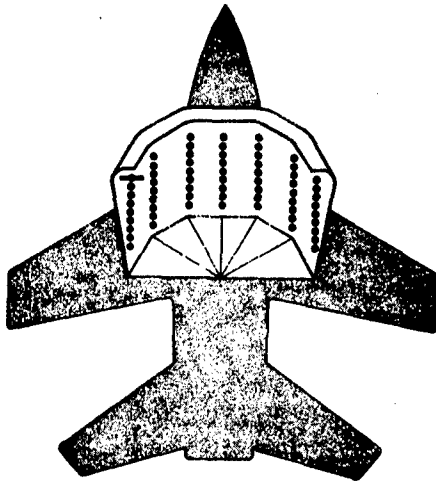
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	10.0	25.4	14.	—	—	16.	16.5	41.9
11.	—	—	13.	—	—	15.	—	—	17.	—	—

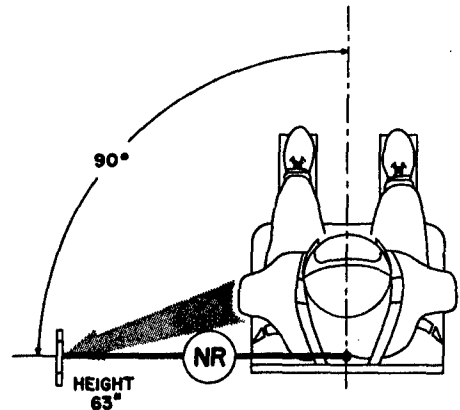
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

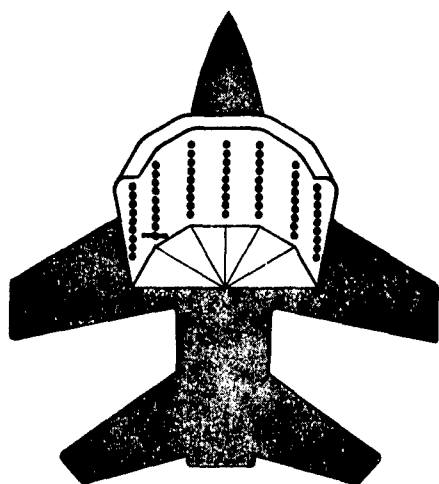
SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	5.5	14.0	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

NO FURTHER VALUES REACHED

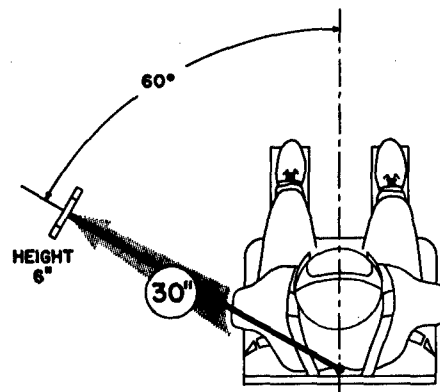
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

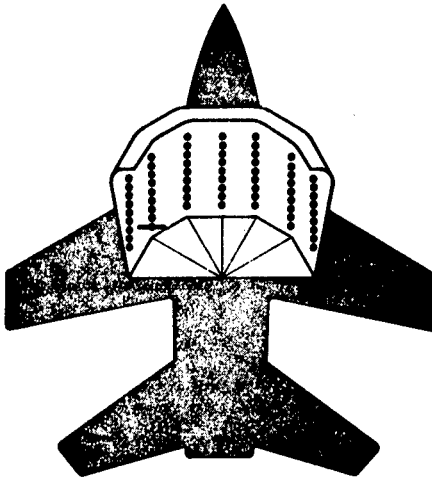
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.0	106.7	4.	39.0	99.1	6.	30.5	77.5	8.	40.0	101.6
2.	36.0	91.4	5.	38.5	97.8	7.	34.0	86.4	9.	41.0	104.1
3.	40.0	101.6									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	37.5	95.3	12.	38.0	96.5	14.	42.5	108.0	16.	42.5	108.0
11.	35.0	88.9	13.	39.5	100.3	15.	41.0	104.1	17.	38.0	96.5

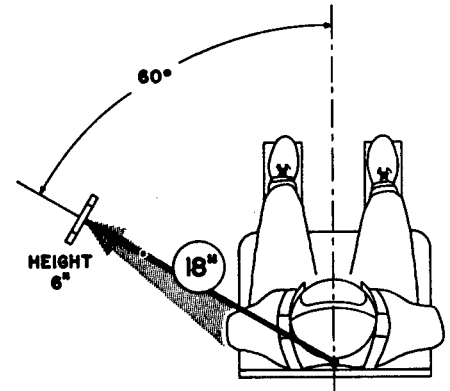
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 18" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

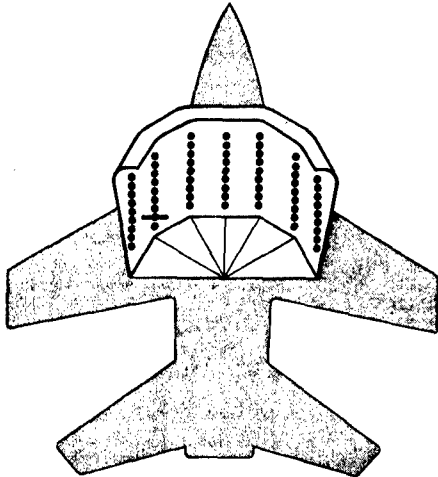
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.5	74.9	4.	30.0	76.2	6.	18.5	47.0	8.	26.5	67.3
2.	26.0	66.0	5.	25.0	63.5	7.	21.0	53.3	9.	25.0	63.5
3.	25.5	64.8									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	24.0	61.0	12.	28.0	71.1	14.	30.0	76.2	16.	36.0	91.4
11.	23.5	59.7	13.	28.0	71.1	15.	28.0	71.1	17.	28.0	71.1

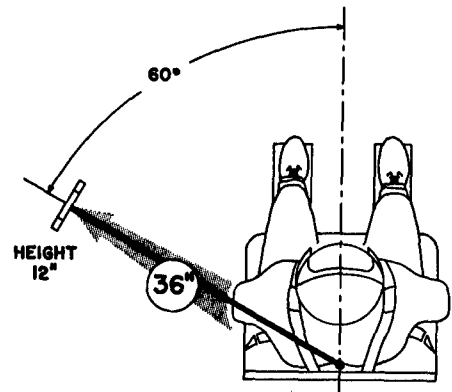
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 36" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

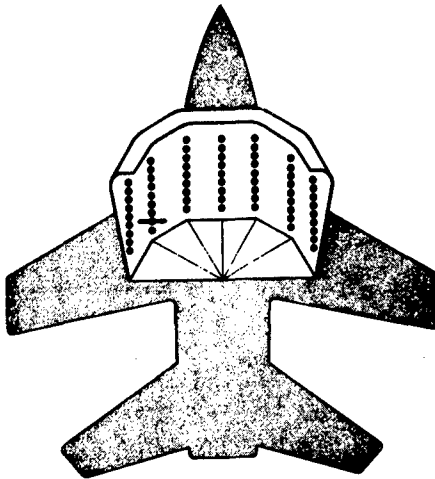
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	44.0	111.8	4.	42.0	106.7	6.	36.0	91.4	8.	42.5	108.0
2.	38.0	96.5	5.	41.5	105.4	7.	39.0	99.1	9.	44.5	113.0
3.	42.0	106.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	42.0	106.7	12.	41.0	104.1	14.	45.5	115.6	16.	45.0	114.3
11.	39.0	99.1	13.	43.5	110.5	15.	44.5	113.0	17.	42.0	106.7

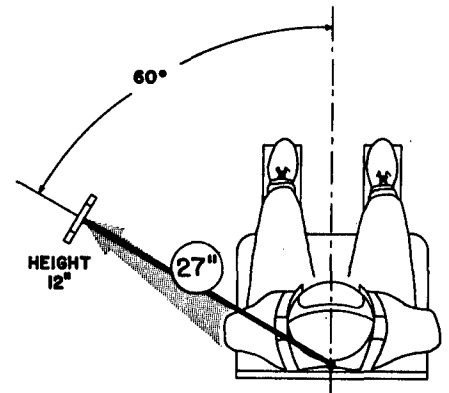
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

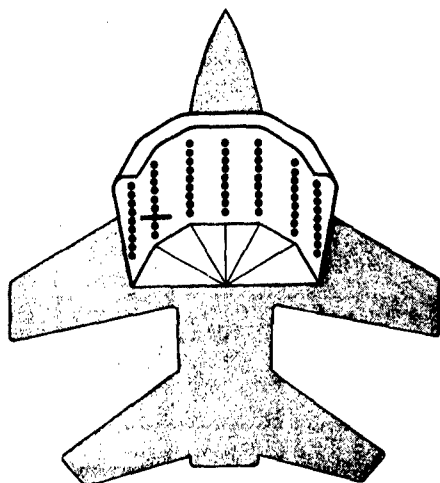
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4	4.	33.5	85.1	6.	27.0	68.6	8.	31.5	80.0
2.	30.0	76.2	5.	31.0	78.7	7.	28.5	72.4	9.	31.0	78.7
3.	31.5	80.0									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	29.5	74.9	12.	32.0	81.3	14.	35.0	88.9	16.	39.5	100.3
11.	30.0	76.2	13.	33.5	85.1	15.	37.0	94.0	17.	33.5	85.1

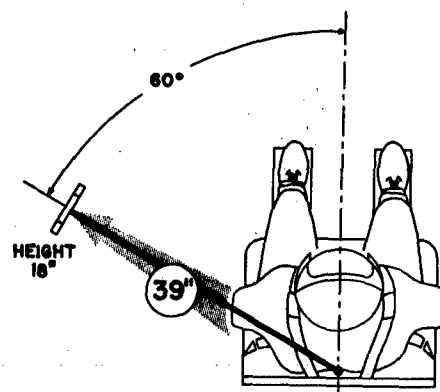
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 39" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

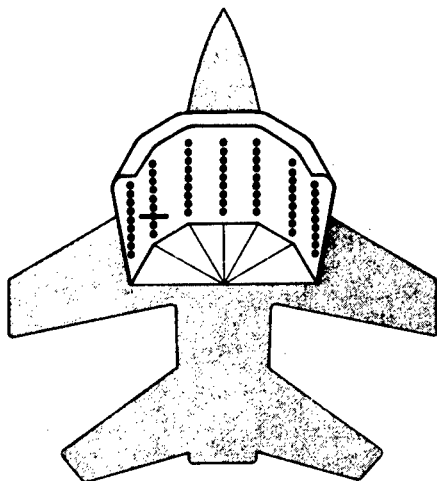
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	45.0	114.3	4.	43.5	110.5	6.	39.0	99.1	8.	45.0	114.3
2.	40.0	101.6	5.	42.0	106.7	7.	42.0	106.7	9.	46.0	116.8
3.	44.0	111.8									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	42.0	106.7	12.	43.0	109.2	14.	47.0	119.4	16.	47.0	119.4
11.	41.5	105.4	13.	45.0	114.3	15.	45.5	115.6	17.	44.0	111.8

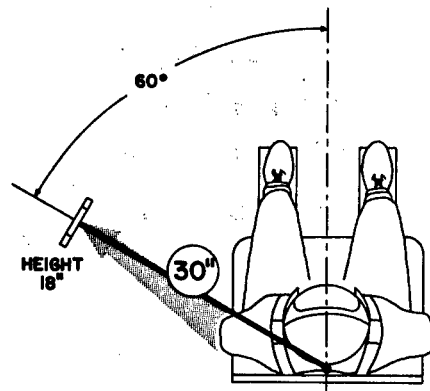
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

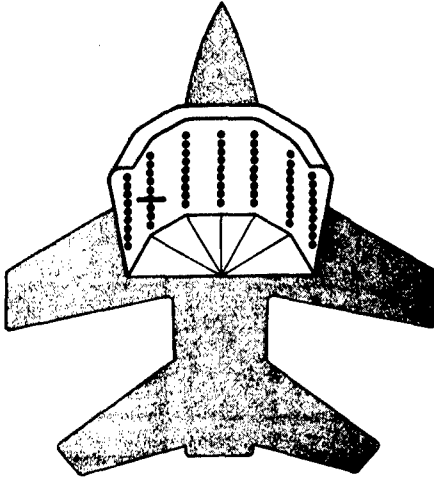
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	36.5	92.7	4.	36.0	91.4	6.	30.5	77.5	8.	35.0	88.9
2.	33.5	85.1	5.	33.5	85.1	7.	31.0	78.7	9.	34.0	86.4
3.	34.5	87.6									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.5	82.6	12.	35.5	90.2	14.	38.5	97.8	16.	41.5	105.4
11.	34.0	86.4	13.	36.5	92.7	15.	40.0	101.6	17.	37.0	94.0

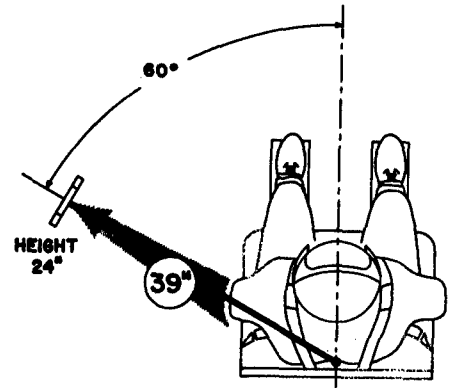
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 39" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

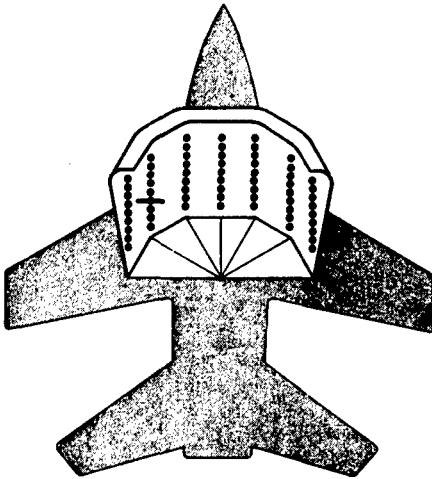
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	45.0	114.3	4.	44.0	111.8	6.	39.5	100.3	8.	45.0	114.3
2.	40.0	101.6	5.	42.5	108.0	7.	43.0	109.2	9.	46.0	116.8
8.	44.0	111.8									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	43.0	109.2	12.	44.0	111.8	14.	47.0	119.4	16.	46.0	116.8
11.	42.0	106.7	13.	46.5	118.1	15.	46.0	116.8	17.	44.5	113.0

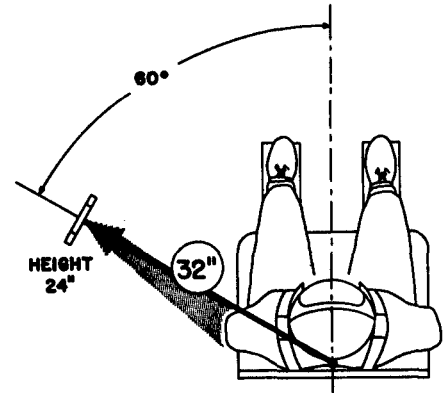
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

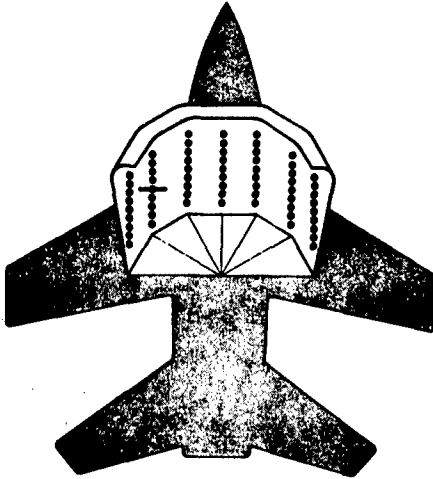
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	38.0	96.5	4.	37.0	94.0	6.	32.5	82.6	8.	37.0	94.0
2.	34.0	86.4	5.	35.5	90.2	7.	34.0	86.4	9.	36.5	92.7
3.	36.5	92.7									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4	12.	37.0	94.0	14.	40.0	101.6	16.	42.5	108.0
11.	36.0	91.4	13.	38.0	96.5	15.	41.0	104.1	17.	39.0	99.1

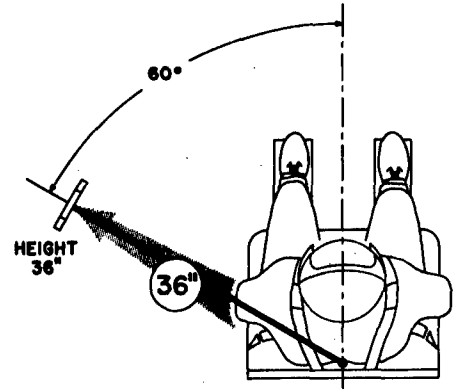
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the LEFT hand a rotary knob located 60° to the LEFT of center and 36" above the deck the knob must be placed no further than 36" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

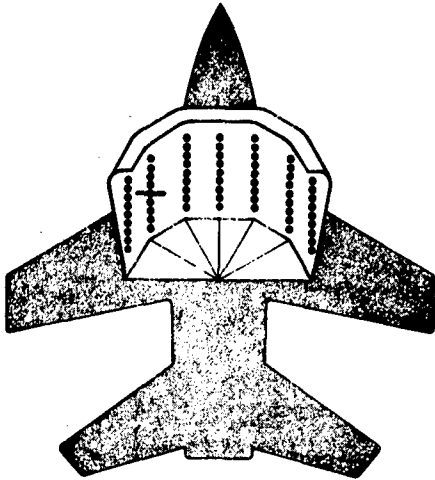
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	42.5	108.0	4.	40.0	101.6	6.	38.5	97.8	8.	42.0	106.7
2.	36.0	91.4	5.	38.5	97.8	7.	41.5	105.4	9.	43.5	110.5
3.	41.0	104.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	39.5	100.3	12.	42.0	106.7	14.	43.5	110.5	16.	42.0	106.7
11.	38.0	96.5	13.	42.0	106.7	15.	41.5	105.4	17.	41.0	104.1

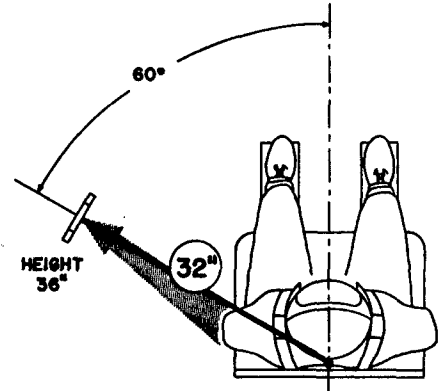
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 32" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

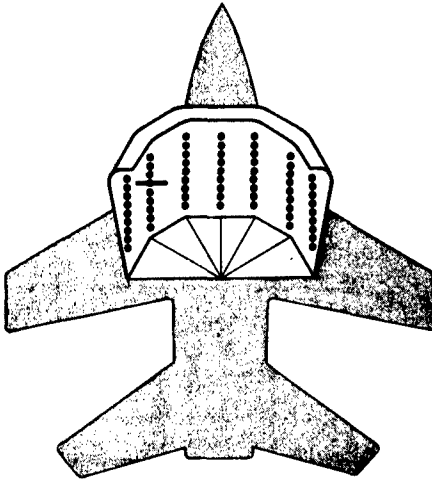
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	36.0	91.4	4.	35.5	90.2	6.	32.0	81.3	8.	36.0	91.4
2.	34.0	86.4	5.	34.0	86.4	7.	34.0	86.4	9.	36.0	91.4
3.	36.0	91.4									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4	12.	36.5	92.7	14.	38.0	96.5	16.	40.0	101.6
11.	36.0	91.4	13.	37.0	94.0	15.	39.0	99.1	17.	39.0	99.1

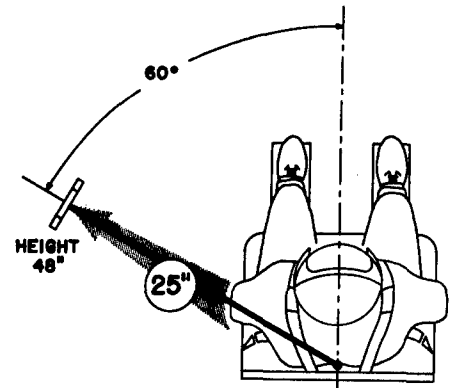
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 25" from XSRP.

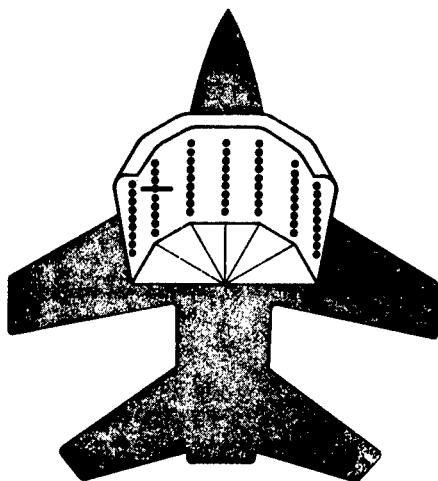
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	33.5	85.1	4.	32.5	82.6	6.	26.5	67.3	8.	32.0	81.3
	2.	25.5	64.8	5.	27.5	69.9	7.	33.0	83.8	9.	36.0	91.4
	3.	32.0	81.3									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	30.5	77.5	12.	32.5	82.6	14.	33.5	85.1	16.	35.5	90.2
	11.	27.5	69.9	13.	35.0	88.9	15.	33.5	85.1	17.	33.0	83.8

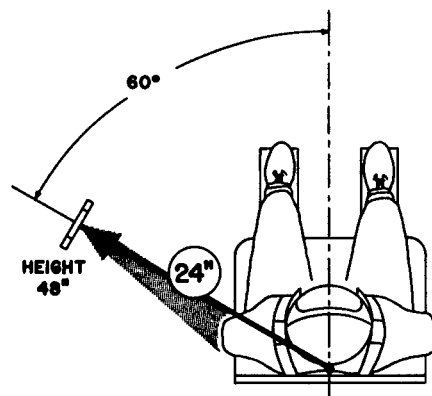
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

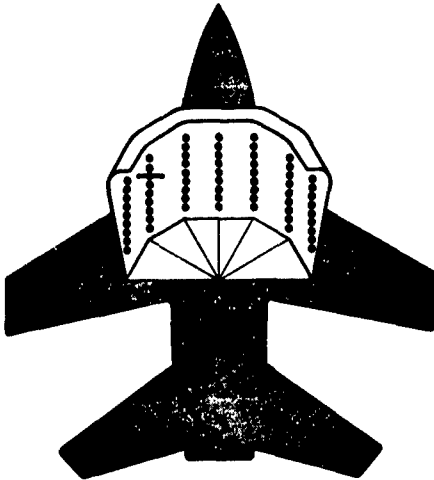
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7	4.	27.5	69.9	6.	25.5	64.8	8.	30.0	76.2
2.	24.0	61.0	5.	28.0	71.1	7.	29.0	73.7	9.	30.0	76.2
3.	29.0	73.7									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	26.0	66.0	12.	30.5	77.5	14.	31.0	78.7	16.	33.0	83.8
11.	29.0	73.7	13.	30.0	76.2	15.	32.0	81.3	17.	31.5	80.0

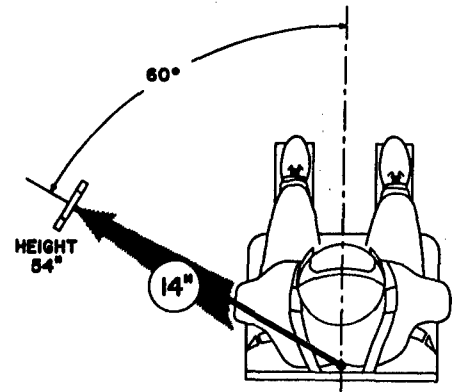
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 54" above the deck the knob must be placed no further than 14" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

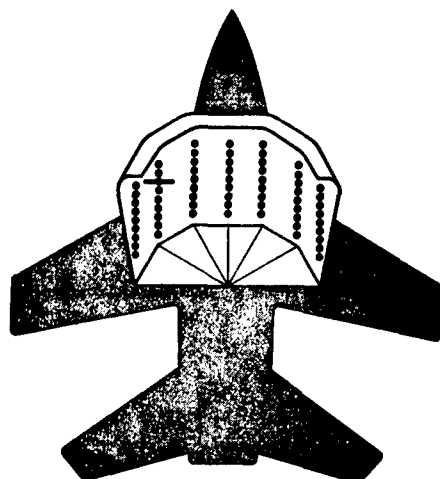
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	23.0	58.4	4.	27.0	68.6	6.	23.0	58.4	8.	24.0	61.0
2.	14.5	36.8	5.	22.0	55.9	7.	19.0	48.3	9.	25.5	64.8
3.	22.5	57.2									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	20.0	50.8	12.	27.5	69.9	14.	23.5	59.7	16.	27.0	68.6
11.	—	—	13.	27.0	68.6	15.	21.5	54.6	17.	23.0	58.4

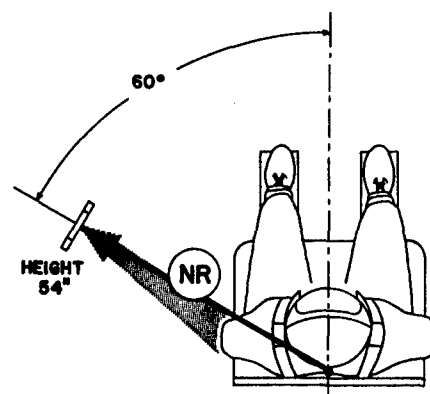
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT SIZE

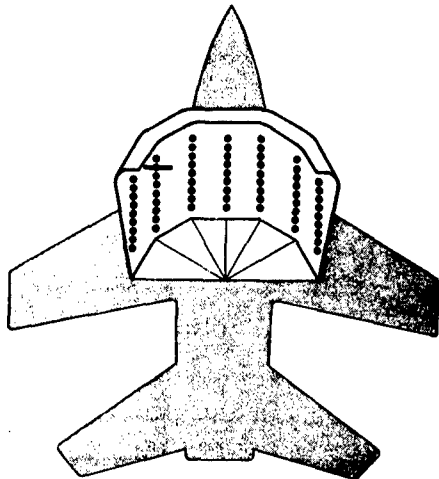
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	23.0	58.4	4.	22.5	57.2	6.	21.5	54.6	8.	24.5	62.2
2.	14.0	35.6	5.	21.5	54.6	7.	—	—	9.	22.5	57.2
3.	22.0	55.9									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	19.0	48.3	12.	26.0	66.0	14.	25.0	63.5	16.	27.0	68.6
11.	—	—	13.	25.0	63.5	15.	23.0	58.4	17.	24.0	61.0

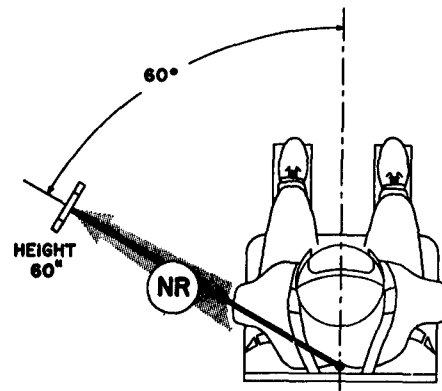
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
LEFT
f.

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

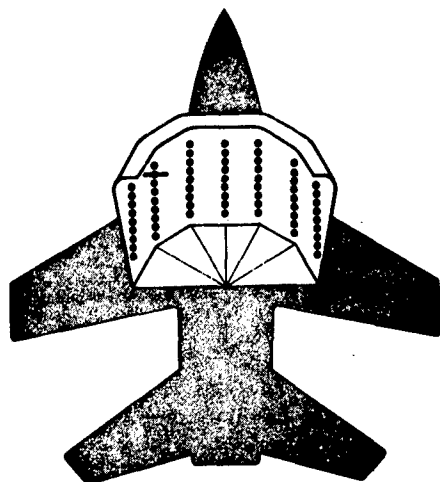
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	18.0	45.7	14.	8.5	21.6	16.	11.5	29.2
11.	—	—	13.	14.0	35.6	15.	—	—	17.	—	—

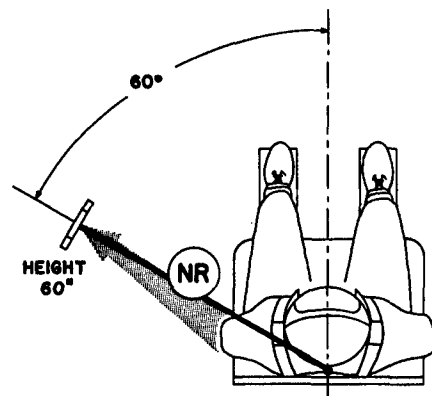
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate ...
LEFT ...
f

... 60° to the
... must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

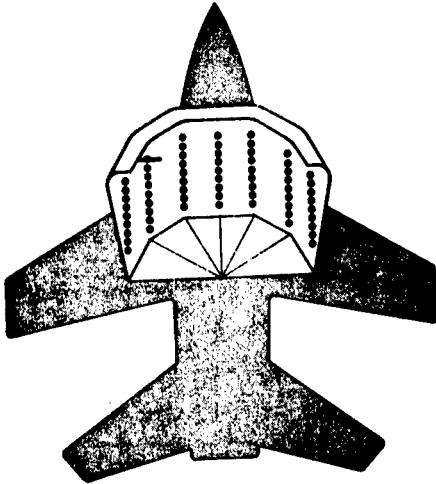
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	8.0	20.3	14.	—	—	16.	—	—
11.	—	—	13.	12.5	31.8	15.	—	—	17.	—	—

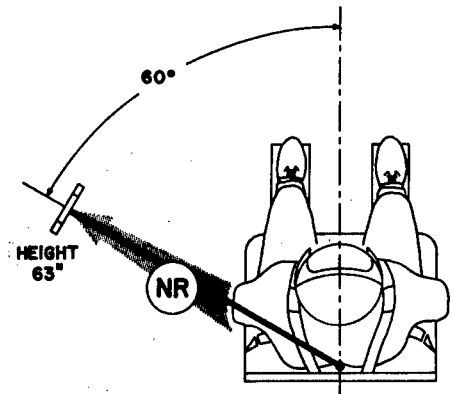
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

ated 60° to the
Knob must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

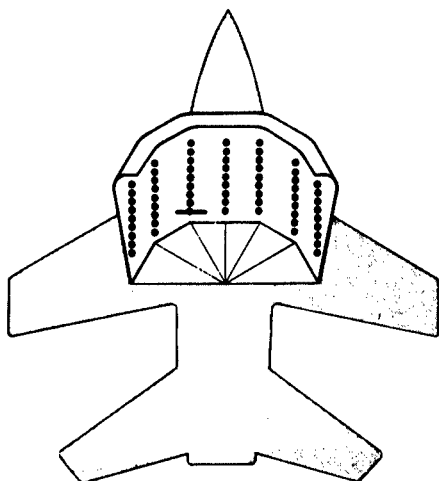
SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	3.5	8.9	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

NO FURTHER VALUES REACHED

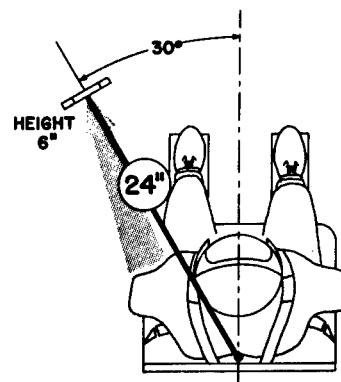
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 6" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

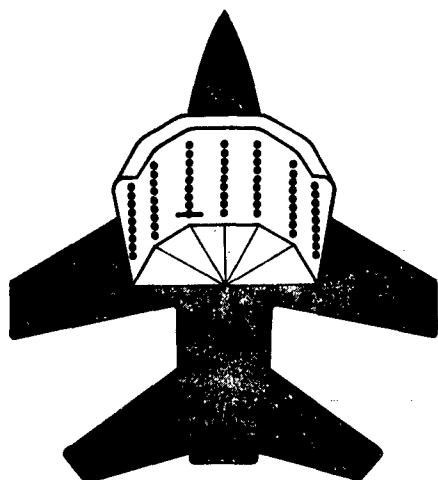
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	39.0	99.1	4.	38.0	96.5	6.	24.5	62.2	8.	36.5	92.7
2.	30.0	76.2	5.	34.0	86.4	7.	27.5	69.9	9.	37.5	95.3
3.	36.5	92.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	36.5	92.7	12.	38.5	97.8	14.	36.5	92.7	16.	40.0	101.6
11.	31.0	78.7	13.	36.5	92.7	15.	35.0	88.9	17.	33.5	85.1

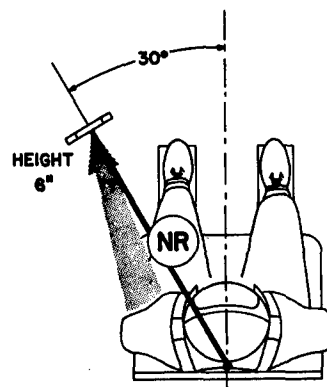
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

NOT RECOMMENDED

30° to the
must be placed no

SUBJECT REACH DATA

SUIT
SIZE

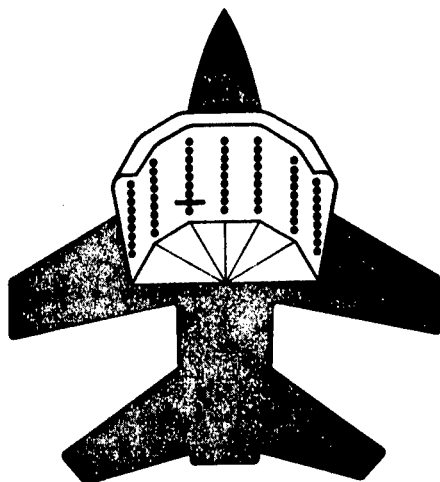
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	25.0	63.5	4.	26.0	66.0	6.	—	—	8.	25.0	63.5
2.	21.5	54.6	5.	22.5	57.2	7.	—	—	9.	22.5	57.2
3.	20.0	50.8									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	21.5	54.6	12.	23.5	59.7	14.	25.5	64.8	16.	31.5	80.0
11.	20.5	52.1	18.	26.0	66.0	15.	28.5	72.4	17.	26.0	66.0

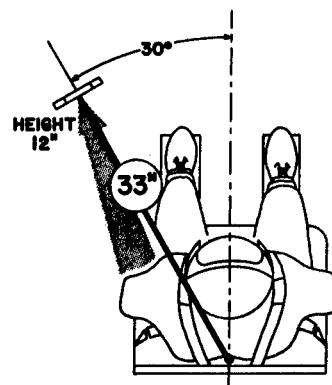
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 33" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

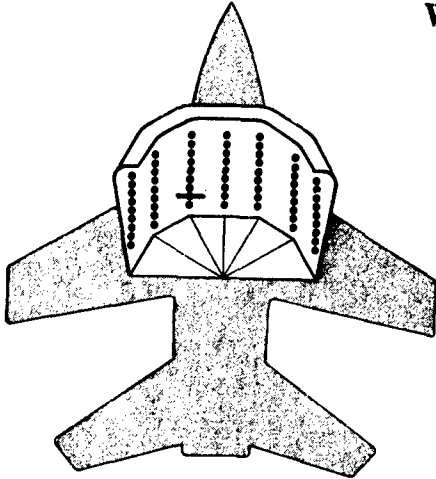
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	42.5	108.0	4.	41.0	104.1	6.	35.5	90.2	8.	40.0	101.6
2.	33.5	85.1	5.	38.0	96.5	7.	33.0	83.8	9.	41.0	104.1
3.	40.5	102.9									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	40.0	101.6	12.	41.0	104.1	14.	40.5	102.9	16.	42.5	108.0
11.	35.5	90.2	13.	40.0	101.6	15.	38.5	97.8	17.	39.0	99.1

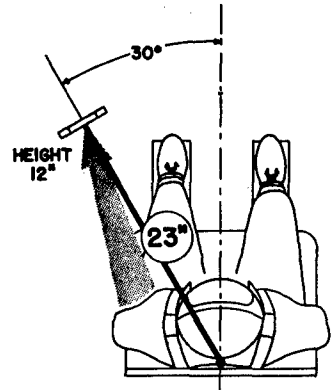
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 12" above the deck the knob must be placed no further than 23" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

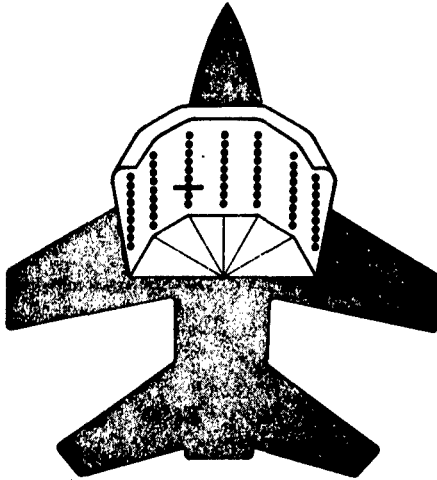
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7	4.	30.0	76.2	6.	23.5	59.7	8.	29.5	74.9
2.	27.5	69.9	5.	27.5	69.9	7.	24.5	62.2	9.	29.0	73.7
3.	28.5	72.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.0	68.6	12.	28.0	71.1	14.	33.0	83.8	16.	35.0	88.9
11.	26.0	66.0	13.	30.0	76.2	15.	34.0	86.4	17.	32.0	81.3

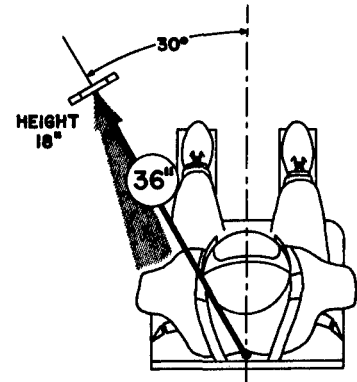
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 36" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

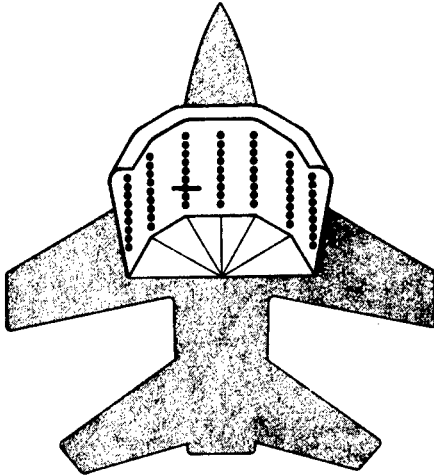
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	43.5	110.5	4.	42.5	108.0	6.	37.0	94.0	8.	42.5	108.0
2.	36.5	92.7	5.	40.5	102.9	7.	38.0	96.5	9.	43.0	109.2
3.	42.0	106.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	41.5	105.4	12.	42.5	108.0	14.	42.0	106.7	16.	44.5	113.0
11.	38.5	97.8	13.	42.0	106.7	15.	40.0	101.6	17.	42.0	106.7

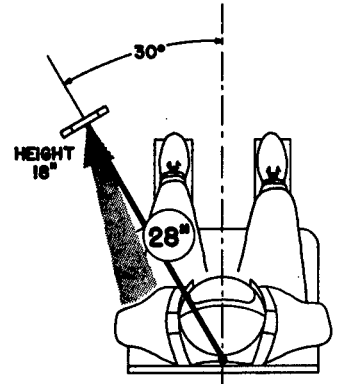
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

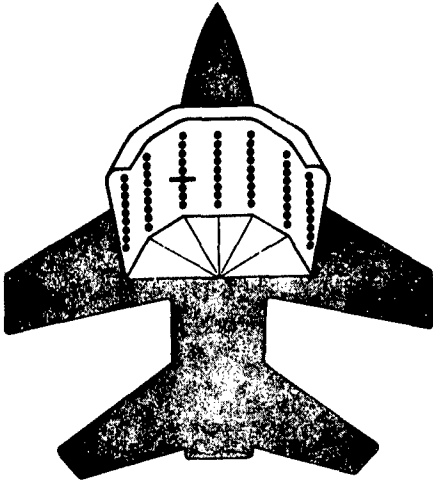
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	34.0	86.4	4.	33.0	83.8	6.	28.0	71.1	8.	33.0	83.8
2.	30.5	77.5	5.	32.0	81.3	7.	28.5	72.4	9.	32.5	82.6
3.	32.5	82.6									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	30.5	77.5	12.	32.5	82.6	14.	36.0	91.4	16.	36.5	92.7
11.	30.5	77.5	13.	33.0	83.8	15.	36.0	91.4	17.	35.0	88.9

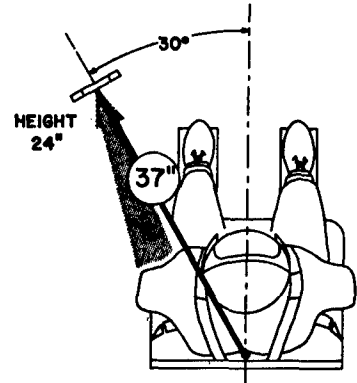
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the LEFT hand a rotary knob located 30° to the LEFT of center and 24" above the deck the knob must be placed no further than 37" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

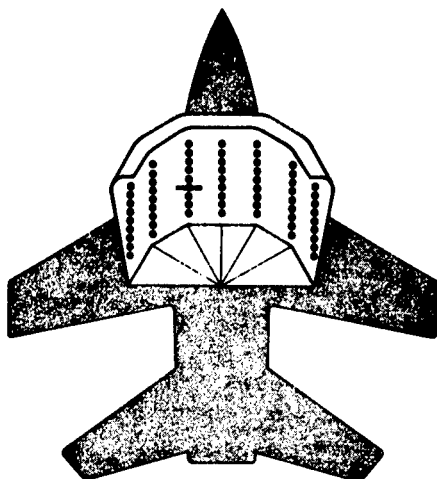
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	43.5	110.5	4.	44.0	111.8	6.	40.0	101.6	8.	43.0	109.2
2.	37.5	95.3	5.	41.0	104.1	7.	39.0	99.1	9.	44.0	111.8
3.	42.5	108.0									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	42.0	106.7	12.	44.0	111.8	14.	43.0	109.2	16.	45.0	114.3
11.	40.5	102.9	13.	43.0	109.2	15.	40.0	101.6	17.	42.0	106.7

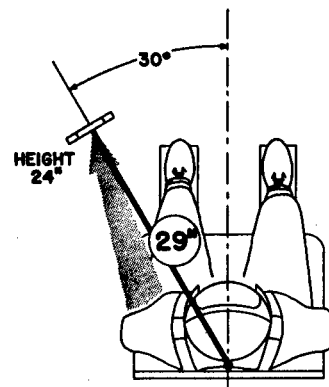
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

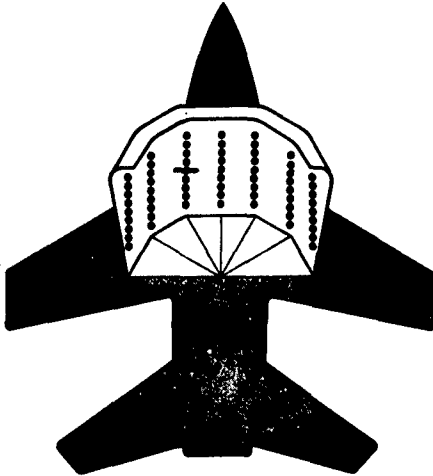
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	35.0	88.9	4.	34.0	86.4	6.	29.0	73.7	8.	35.0	88.9
2.	32.5	82.6	5.	33.0	83.8	7.	29.5	74.9	9.	34.0	86.4
3.	34.0	86.4									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.0	81.3	12.	34.5	87.6	14.	37.0	94.0	16.	38.0	96.5
11.	32.0	81.3	13.	35.0	88.9	15.	37.5	95.3	17.	37.0	94.0

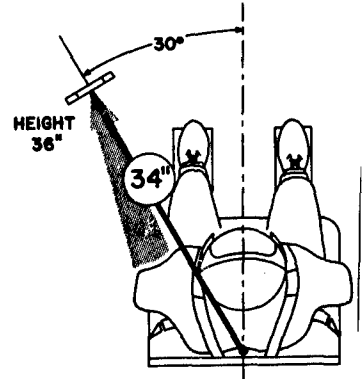
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 34" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

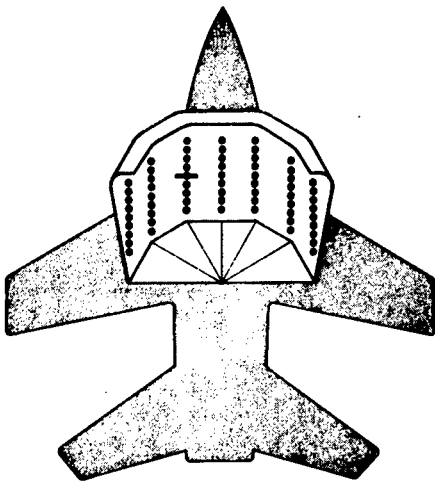
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	41.0	104.1	4.	41.0	104.1	6.	37.0	94.0	8.	40.0	101.6
2.	34.5	87.6	5.	37.5	95.3	7.	39.5	100.3	9.	41.0	104.1
3.	40.5	102.9									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	40.0	101.6	12.	41.0	104.1	14.	40.0	101.6	16.	41.0	104.1
11.	38.0	96.5	13.	40.0	101.6	15.	37.5	95.3	17.	37.5	95.3

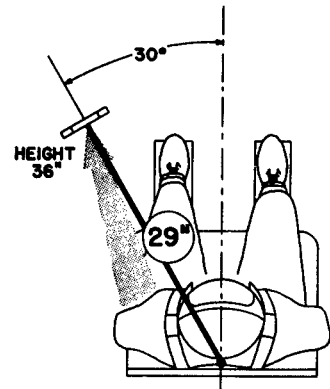
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA

**SUIT
SIZE**

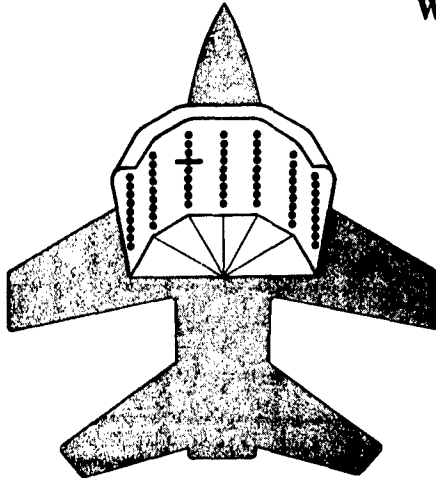
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.5	85.1	4.	32.0	81.3	6.	29.5	74.9	8.	34.0	86.4
2.	32.5	82.6	5.	31.5	80.0	7.	30.0	76.2	9.	33.5	85.1
3.	35.0	88.9									

**SUIT
SIZE**

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7	12.	34.5	87.6	14.	36.0	91.4	16.	35.0	88.9
11.	33.0	83.8	13.	35.0	88.9	15.	35.5	90.2	17.	37.0	94.0

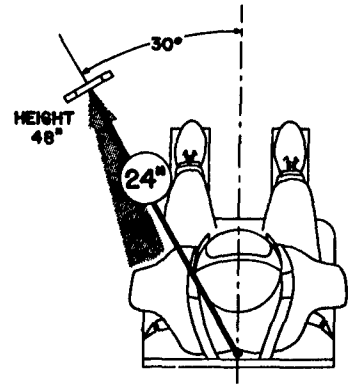
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

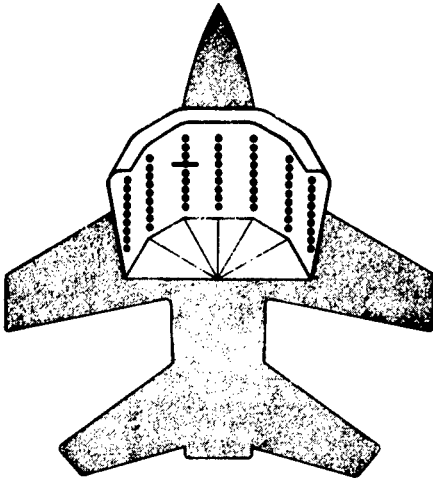
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3	4.	33.0	83.8	6.	25.5	64.8	8.	31.0	78.7
2.	24.0	61.0	5.	31.0	78.7	7.	31.0	78.7	9.	31.5	80.0
3.	31.0	78.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	30.0	76.2	12.	33.0	83.8	14.	30.5	77.5	16.	33.0	83.8
11.	30.0	76.2	13.	34.0	86.4	15.	29.5	74.9	17.	28.0	71.1

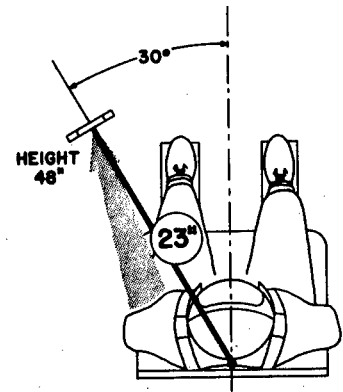
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 48" above the deck the knob must be placed no further than 23" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

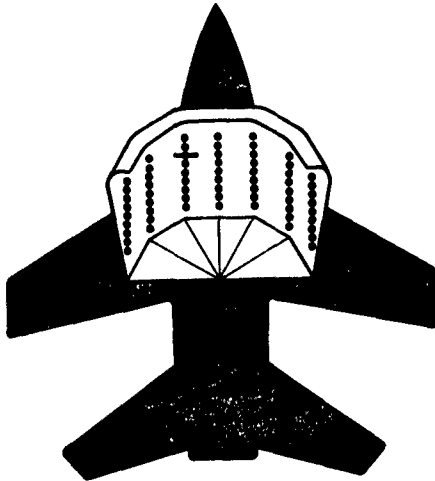
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	27.0	68.6	4.	26.0	66.0	6.	25.0	63.5	8.	28.5	72.4
2.	23.5	59.7	5.	26.0	66.0	7.	25.5	64.8	9.	26.5	67.3
3.	27.5	69.9									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	24.5	62.2	12.	28.5	72.4	14.	28.0	71.1	16.	29.5	74.9
11.	26.0	66.0	13.	27.5	69.9	15.	28.0	71.1	17.	30.0	76.2

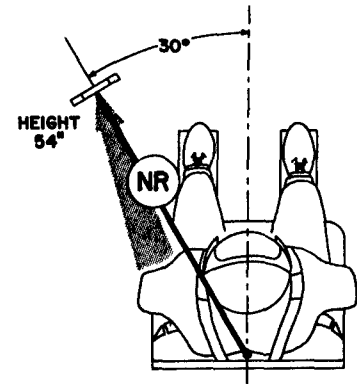
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate ...
LEFT ...
f

... 30° to the
... must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

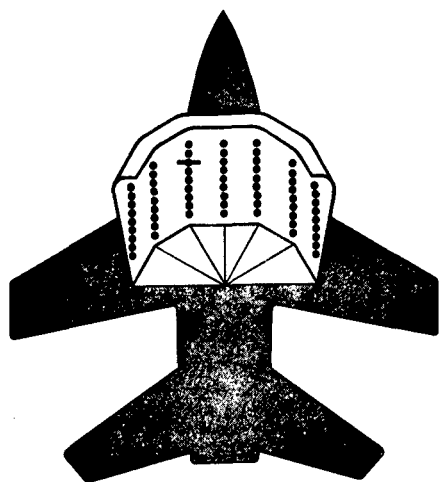
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	22.0	55.9	4.	27.0	68.6	6.	18.0	45.7	8.	25.0	63.5
2.	—	—	5.	22.5	57.2	7.	21.5	54.6	9.	22.5	57.2
3.	21.5	54.6									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	22.0	55.9	12.	24.5	62.2	14.	24.0	61.0	16.	26.5	67.3
11.	—	—	13.	27.5	69.9	15.	22.5	57.2	17.	23.0	58.4

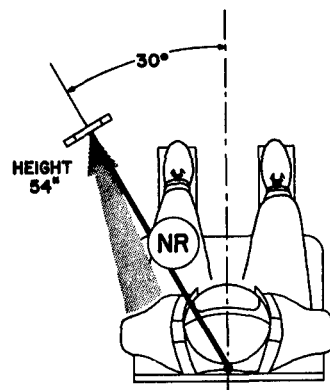
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

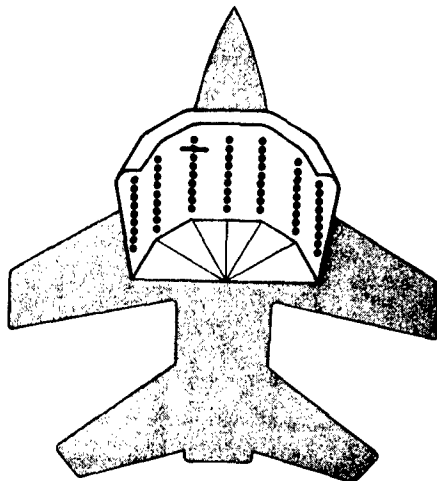
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	20.5	52.1	4.	20.0	50.8	6.	—	—	8.	22.5	57.2
2.	—	—	5.	20.5	52.1	7.	—	—	9.	20.0	50.8
3.	20.5	52.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	18.0	45.7	12.	24.0	61.0	14.	22.0	55.9	16.	24.5	62.2
11.	—	—	13.	22.0	55.9	15.	21.0	53.3	17.	23.5	59.7

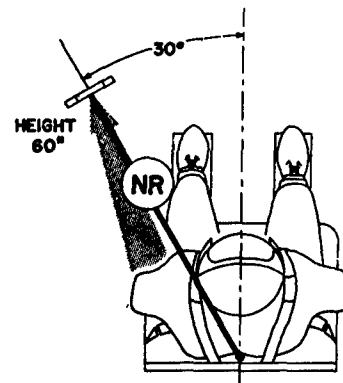
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

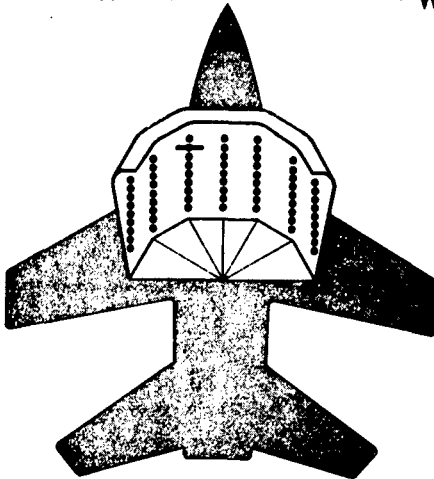
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	18.0	45.7	14.	8.0	20.3	16.	12.5	31.8
11.	—	—	13.	13.5	34.3	15.	—	—	17.	—	—

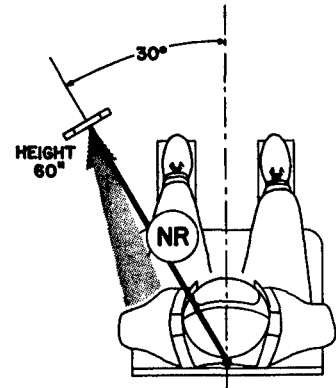
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

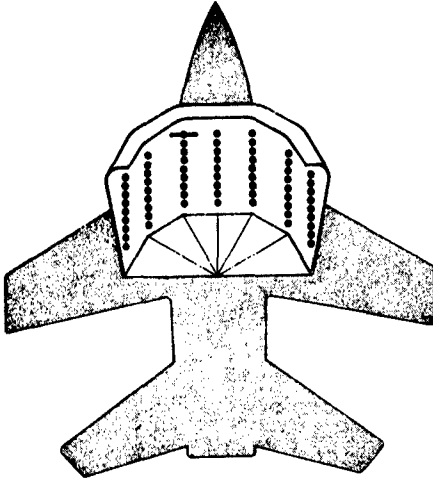
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	7.5	19.1	14.	—	—	16.	—	—
11.	—	—	13.	8.5	21.6	15.	—	—	17.	—	—

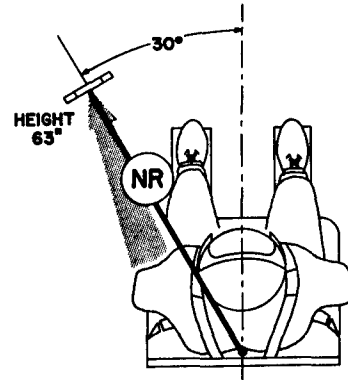
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—63"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the left hand, the knob must be placed no more than 30° to the left of the centerline.

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

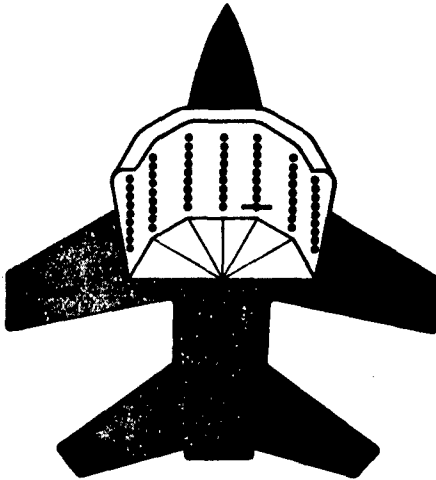
SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	5.5	14.0	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

NO FURTHER VALUES REACHED

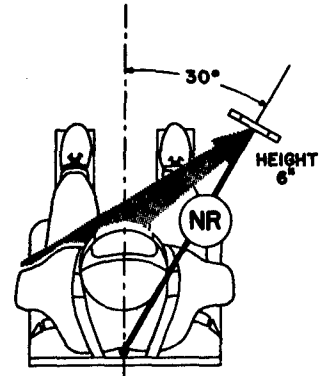
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

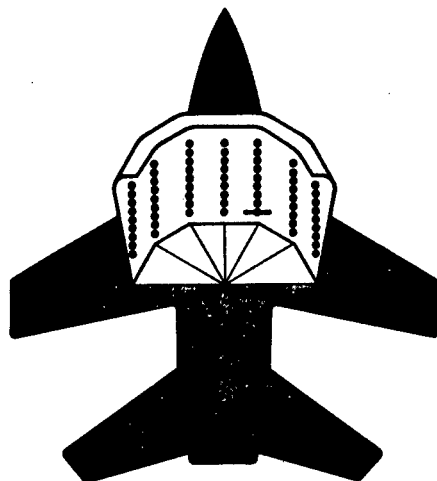
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	35.0	88.9	4.	32.0	81.3	6.	—	—	8.	31.0	78.7
2.	—	—	5.	28.0	71.1	7.	—	—	9.	—	—
8.	28.5	72.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	33.0	83.8	14.	—	—	16.	—	—
11.	—	—	13.	29.0	73.7	15.	—	—	17.	—	—

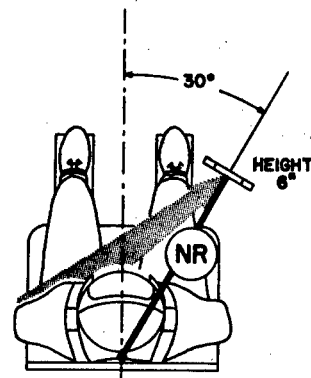
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

tilted 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

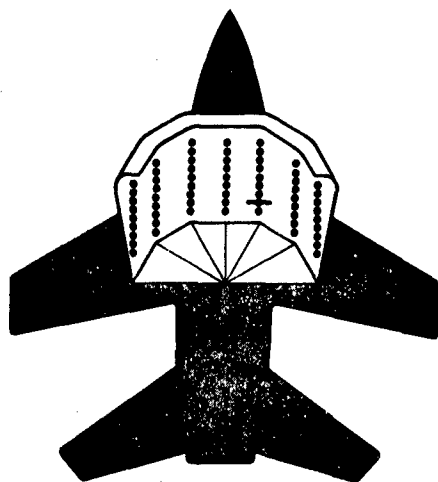
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	25.0	63.5	17.	—	—

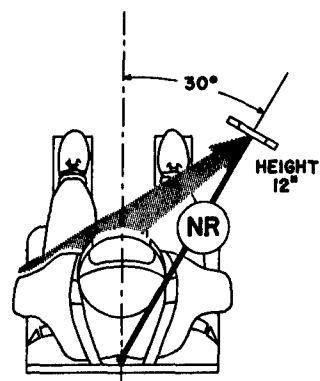
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate RIGHT... 30° to the... must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT SIZE

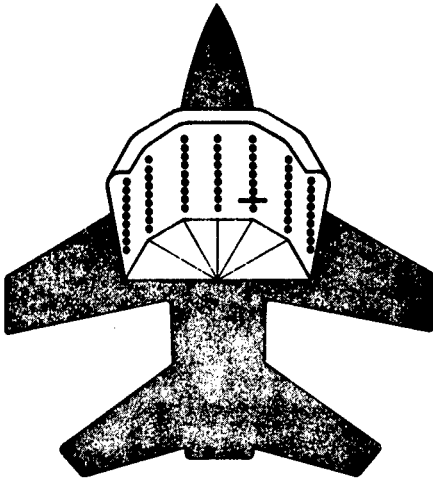
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	38.0	96.5	4.	38.0	96.5	6.	—	—	8.	34.5	87.6
2.	29.0	73.7	5.	32.0	81.3	7.	28.0	71.1	9.	26.0	66.0
3.	35.0	88.9									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	27.0	68.6	12.	37.0	94.0	14.	29.0	73.7	16.	28.5	72.4
11.	23.0	58.4	13.	33.0	83.8	15.	25.5	64.8	17.	—	—

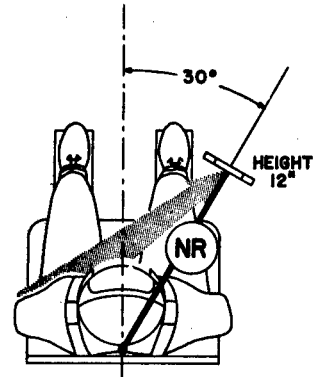
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

ed 30° to the
nob must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

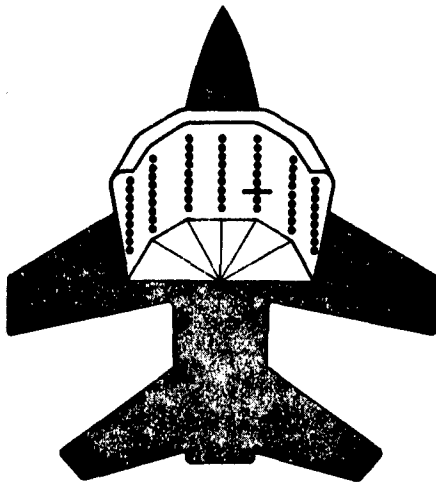
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	25.0	63.5	4.	25.0	63.5	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	23.0	58.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	21.0	53.3	15.	29.0	73.7	17.	—	—

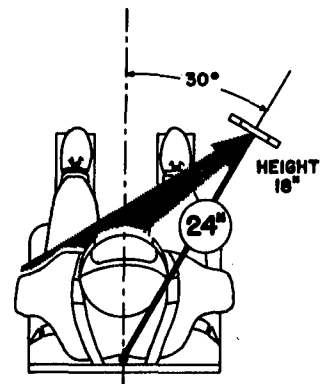
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 24" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

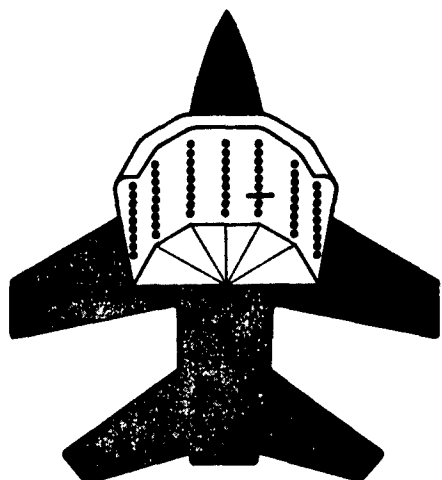
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	40.0	101.6	4.	40.0	101.6	6.	24.0	61.0	8.	39.0	99.1
2.	32.5	82.6	5.	35.5	90.2	7.	32.5	82.6	9.	34.5	87.6
3.	38.0	96.5									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	32.5	82.6	12.	39.0	99.1	14.	33.0	83.8	16.	33.0	83.8
11.	30.5	77.5	13.	34.5	87.6	15.	31.5	80.0	17.	28.5	72.4

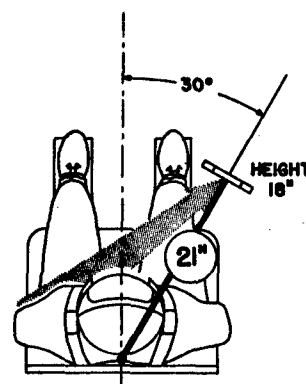
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 21" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

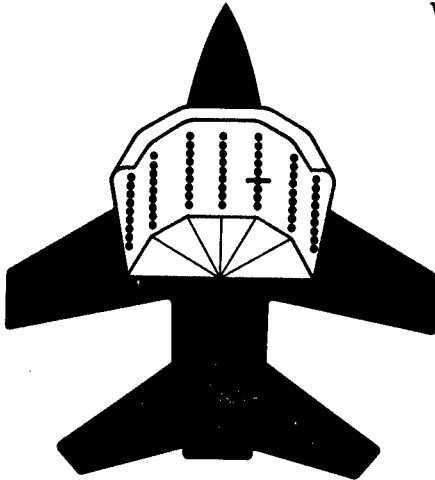
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.5	72.4	4.	29.5	74.9	6.	—	—	8.	28.0	71.1
2.	25.0	63.5	5.	26.0	66.0	7.	21.0	53.3	9.	22.5	57.2
3.	27.0	68.6									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	23.5	59.7	12.	27.0	68.6	14.	26.0	66.0	16.	31.0	78.7
11.	21.0	53.3	13.	26.0	66.0	15.	31.0	78.7	17.	26.0	66.0

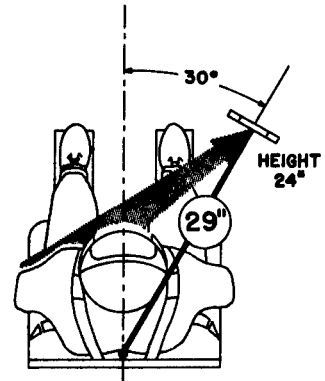
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

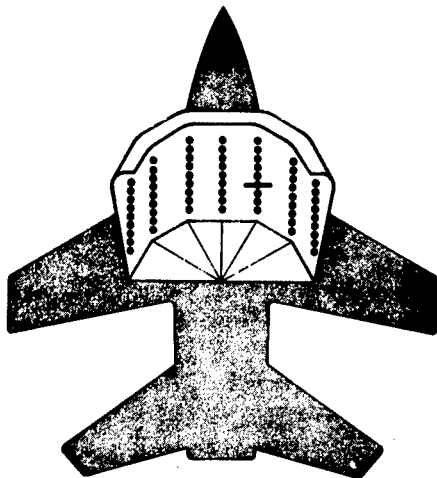
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	40.5	102.9	4.	39.0	99.1	6.	29.0	73.7	8.	40.0	101.6
2.	34.0	86.4	5.	36.0	91.4	7.	35.0	88.9	9.	36.5	92.7
3.	39.0	99.1									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4	12.	40.0	101.6	14.	38.0	96.5	16.	35.0	88.9
11.	32.0	81.8	13.	36.5	92.7	15.	32.5	82.6	17.	30.5	77.5

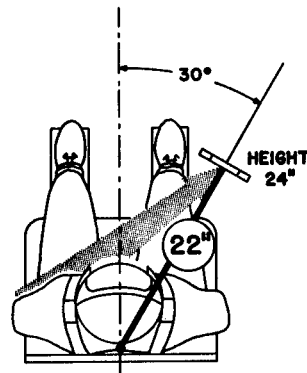
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

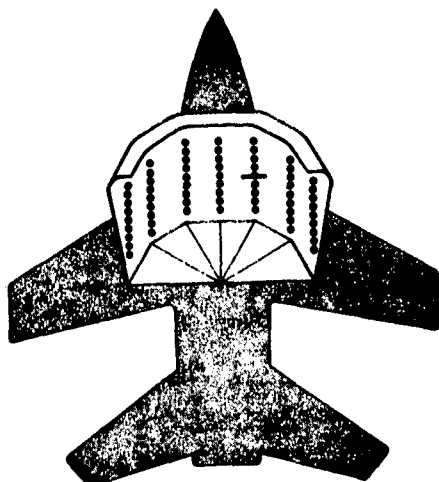
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.5	77.5	4.	32.0	81.3	6.	22.0	55.9	8.	29.0	73.7
2.	28.0	71.1	5.	27.5	69.9	7.	23.5	59.7	9.	24.5	62.2
3.	29.5	74.9									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	26.0	66.0	12.	29.0	73.7	14.	28.0	71.1	16.	32.5	82.6
11.	25.5	64.8	13.	28.0	71.1	15.	29.0	73.7	17.	29.0	73.7

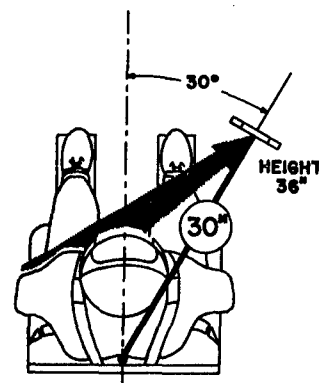
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

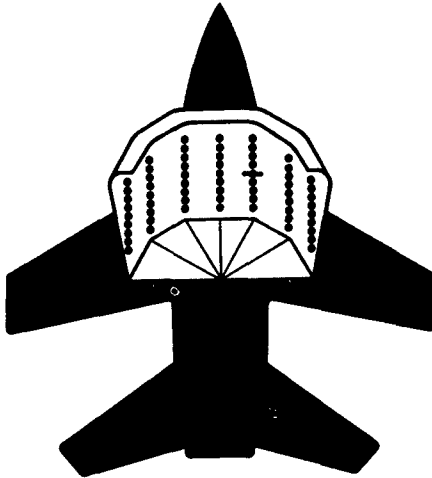
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	38.0	96.5	4.	38.0	96.5	6.	30.0	76.2	8.	40.0	101.6
2.	32.0	81.3	5.	36.5	92.7	7.	35.5	90.2	9.	34.0	86.4
3.	38.0	96.5									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	35.0	88.9	12.	40.0	101.6	14.	35.5	90.2	16.	36.0	91.4
11.	31.0	78.7	13.	36.5	92.7	15.	30.0	76.2	17.	31.0	78.7

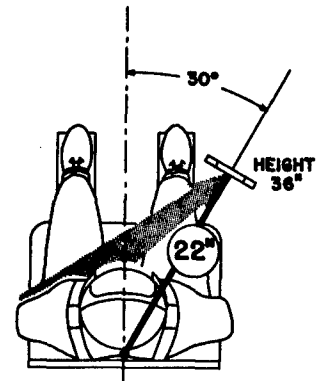
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

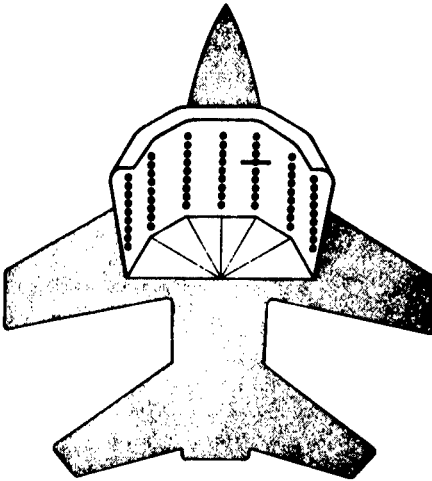
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2	4.	30.0	76.2	6.	22.0	55.9	8.	30.0	76.2
2.	28.0	71.1	5.	28.5	72.4	7.	25.5	64.8	9.	24.5	62.2
3.	29.5	74.9									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	26.0	66.0	12.	29.0	73.7	14.	29.0	73.7	16.	32.5	82.6
11.	27.0	68.6	13.	29.0	73.7	15.	22.0	55.9	17.	30.0	76.2

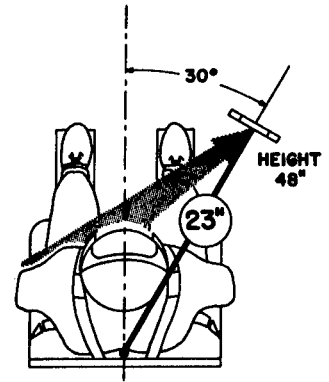
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 23" from XSRP.

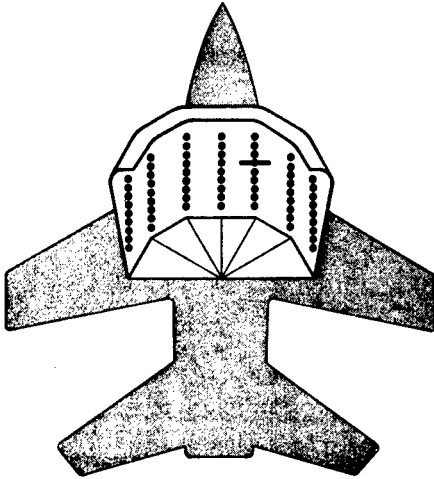
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	31.0	78.7	4.	31.0	78.7	6.	23.0	58.4	8.	35.5	90.2
	2.	23.0	58.4	5.	26.5	67.3	7.	29.0	73.7	9.	25.0	63.5
	3.	30.0	76.2									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	31.0	78.7	12.	30.0	76.2	14.	27.5	69.9	16.	31.5	80.0
	11.	25.0	63.5	13.	32.0	81.3	15.	24.5	62.2	17.	25.0	63.5

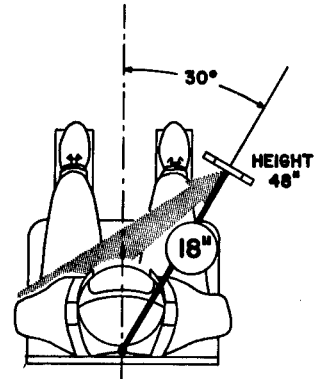
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **RIGHT** of center and 48" above the deck the knob must be placed no further than 18" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

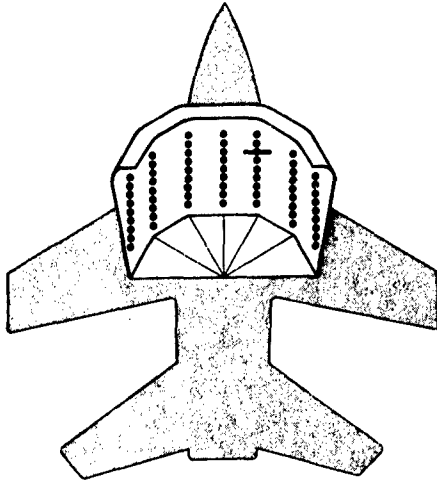
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	24.0	61.0	4.	22.5	57.2	6.	—	—	8.	26.5	67.3
2.	20.5	52.1	5.	22.0	55.9	7.	18.5	47.0	9.	18.0	45.7
3.	23.0	58.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	20.0	50.8	12.	24.0	61.0	14.	22.0	55.9	16.	26.5	67.3
11.	22.0	55.9	13.	24.0	61.0	15.	18.0	45.7	17.	23.5	45.7

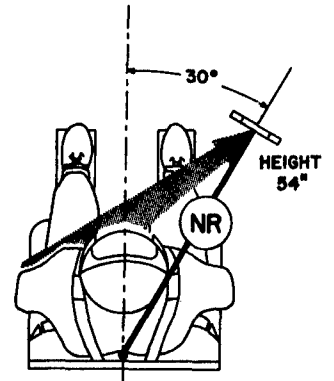
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f.

30° to the
Knob must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

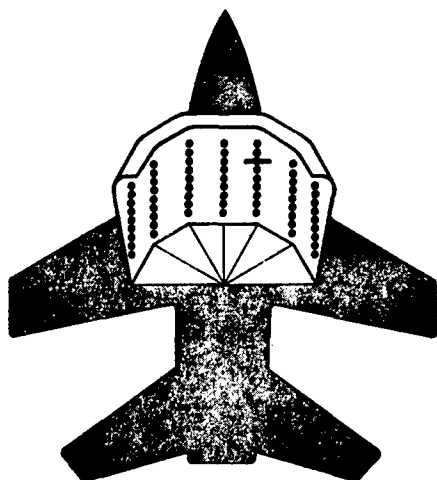
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	23.0	58.4	4.	26.0	66.0	6.	—	—	8.	27.0	68.6
2.	—	—	5.	20.5	52.1	7.	21.5	54.6	9.	21.5	54.6
3.	19.0	48.3									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	22.0	55.9	12.	25.0	63.5	14.	21.5	54.6	16.	23.5	59.7
11.	—	—	13.	25.0	63.5	15.	20.0	50.8	17.	—	—

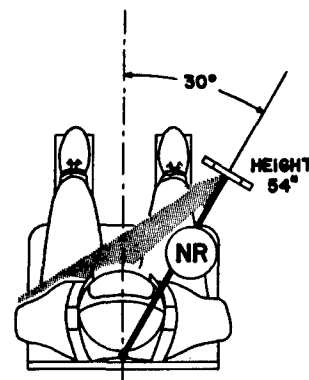
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

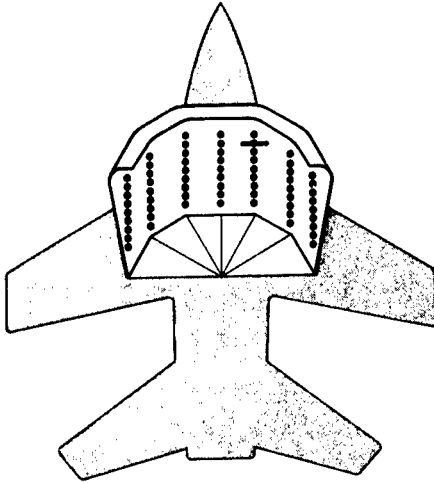
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	18.5	47.0	4.	—	—	6.	—	—	8.	19.5	49.5
2.	—	—	5.	17.5	44.5	7.	—	—	9.	—	—
3.	11.5	29.2									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	20.0	50.8	14.	11.0	27.9	16.	21.5	54.6
11.	—	—	13.	18.0	45.7	15.	—	—	17.	—	—

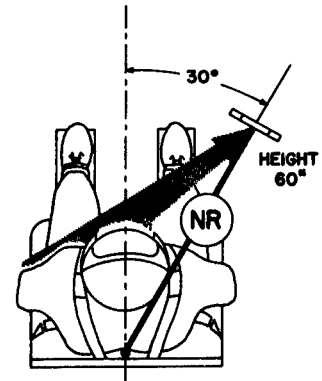
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate -
RIGHT
f

used 30° to the
Knob must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

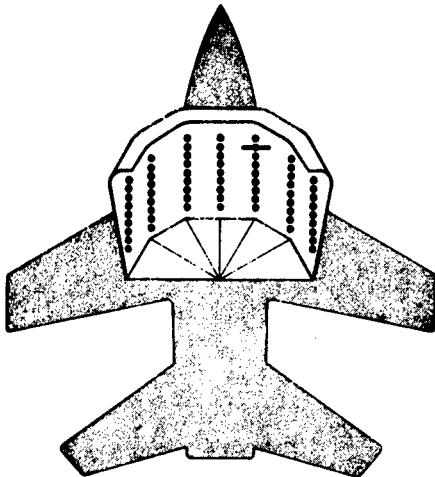
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	10.5	26.7	14.	—	—	16.	12.0	30.5
11.	—	—	13.	10.5	26.7	15.	—	—	17.	—	—

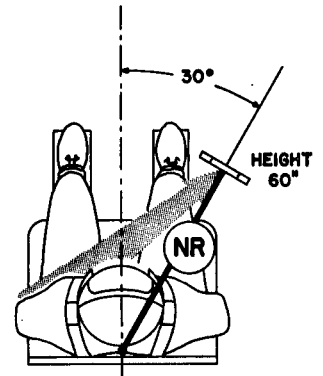
FULL PRESSURE SUIT UNINFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—60"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

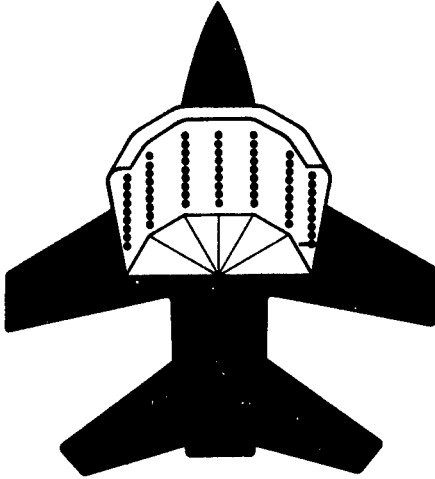
LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	4.0	10.2	14.	—	—	16.	—	—
11.	—	—	13.	7.5	19.1	15.	—	—	17.	—	—

NO FURTHER VALUES REACHED

**FULL PRESSURE SUIT
INFLATED**

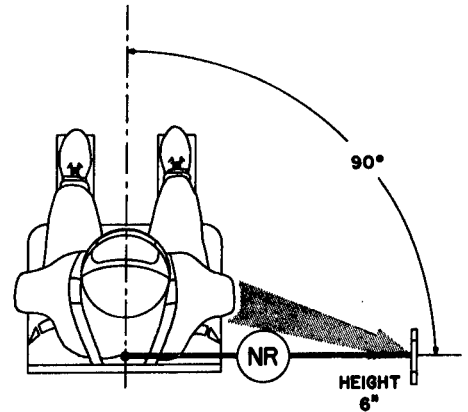
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

used 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

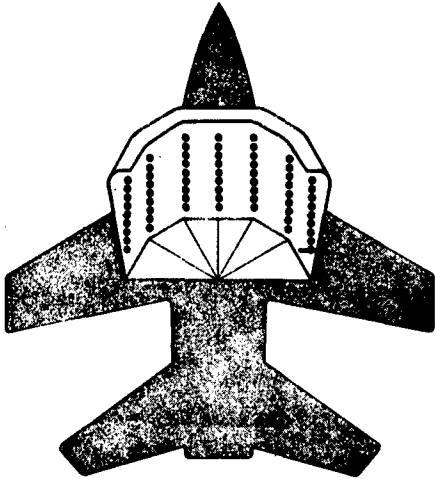
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	29.0	73.7	6.	—	—	8.	24.5	62.2
2.	—	—	5.	—	—	7.	—	—	9.	21.0	53.3
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	26.0	66.0
11.	—	—	13.	21.5	54.6	15.	—	—	17.	—	—

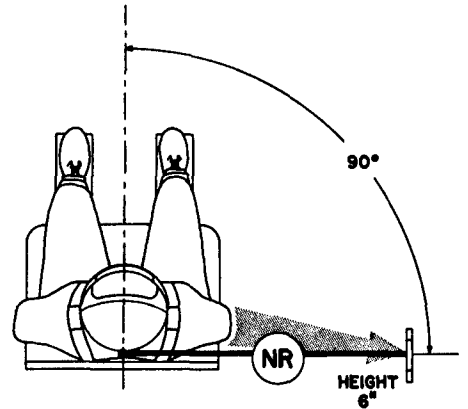
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
from

turned 90° to the
deck must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

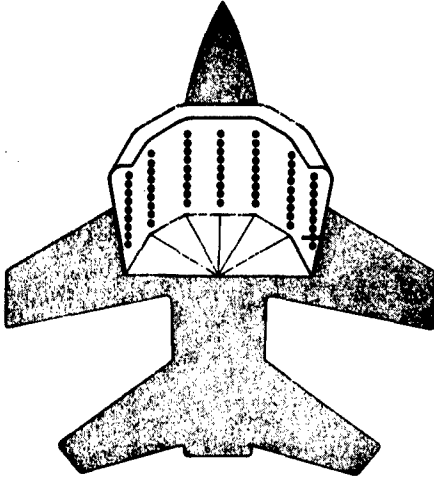
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	28.0	71.1	6.	—	—	8.	23.0	58.4
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	24.0	61.0	13.	27.0	68.6	15.	21.5	54.6	17.	22.0	55.9

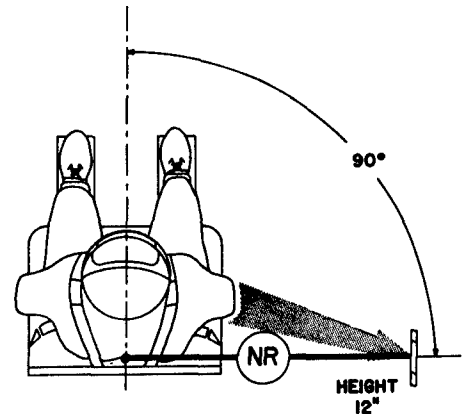
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

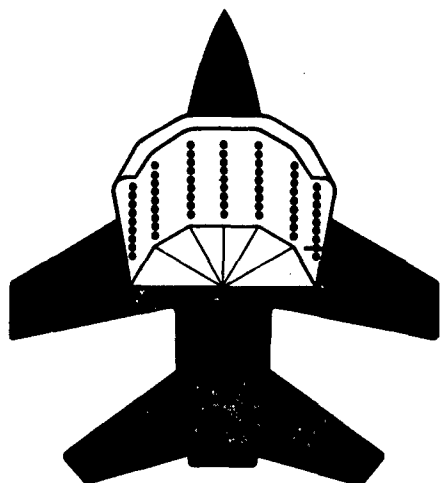
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	26.0	66.0	4.	32.0	81.3	6.	—	—	8.	30.0	76.2
2.	28.0	71.1	5.	25.0	63.5	7.	—	—	9.	27.5	69.9
3.	24.5	62.2									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	29.5	74.9	14.	27.5	69.9	16.	33.5	85.1
11.	27.0	68.6	13.	27.0	68.6	15.	30.0	76.2	17.	31.0	78.7

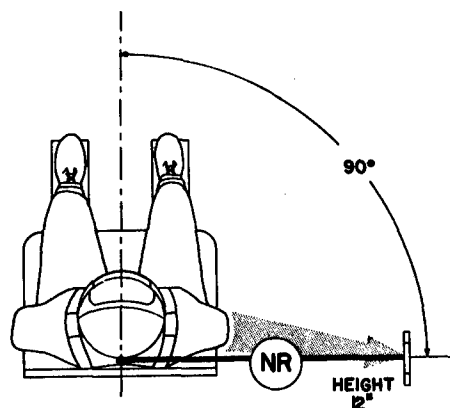
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

ed 90° to the
nob must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

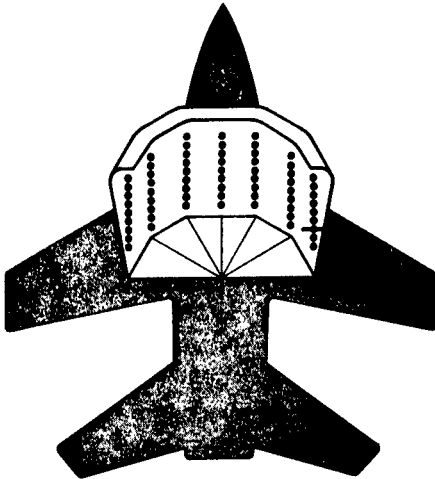
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	25.0	63.5	4.	32.0	81.3	6.	—	—	8.	28.0	71.1
2.	—	—	5.	25.0	63.5	7.	—	—	9.	28.0	71.1
3.	22.5	57.2									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	30.0	76.2	14.	27.0	68.6	16.	28.5	72.4
11.	27.5	69.9	13.	29.0	73.7	15.	28.0	71.1	17.	29.5	74.9

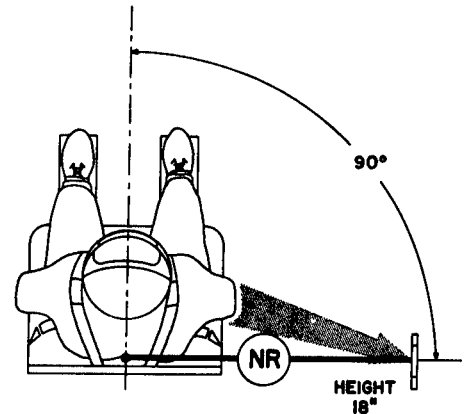
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate the control knob must be placed no
RIGHT 90° to the

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

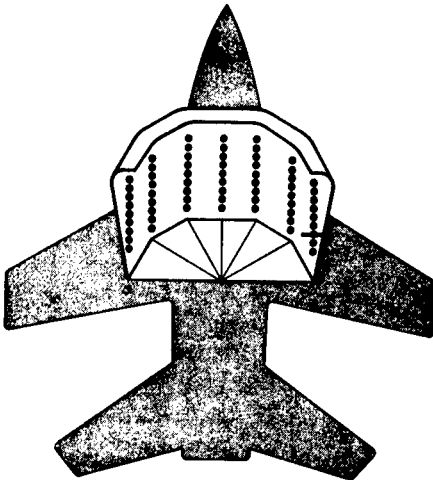
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	29.5	74.9	4.	34.5	87.6	6.	—	—	8.	33.0	83.8
2.	31.0	78.7	5.	31.5	80.0	7.	—	—	9.	31.0	78.7
3.	26.0	66.0									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	31.0	78.7	14.	32.0	81.3	16.	36.0	91.4
11.	32.0	81.3	13.	30.0	76.2	15.	32.0	81.3	17.	34.0	86.4

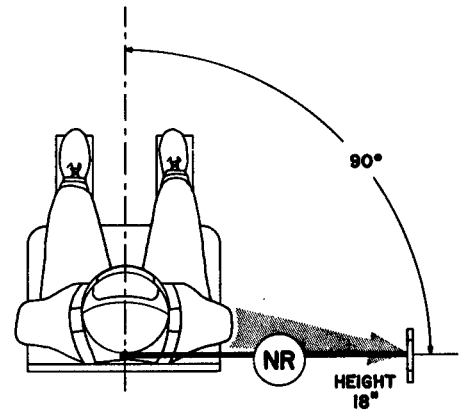
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT HAND
f

used 90° to the
Knob must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

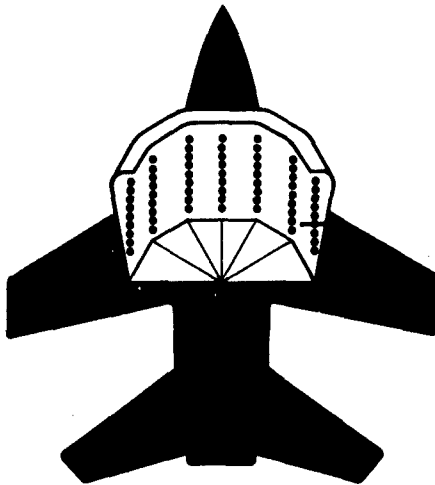
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	30.0	76.2	4.	34.0	86.4	6.	31.5	83.8	8.	32.0	81.3
2.	—	—	5.	28.0	71.1	7.	—	—	9.	33.0	83.8
3.	26.0	66.0									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	32.5	82.6	14.	32.0	81.3	16.	32.0	81.3
11.	30.5	77.5	13.	33.0	83.8	15.	30.5	77.5	17.	33.0	83.8

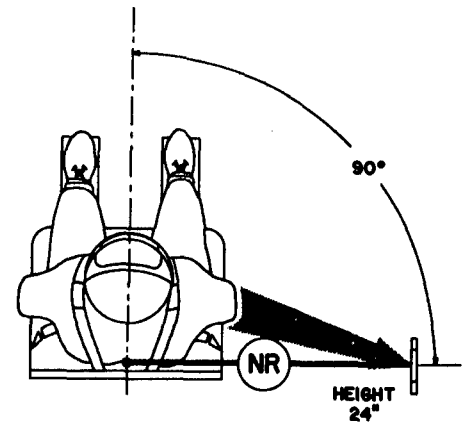
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

90° to the
Knob must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

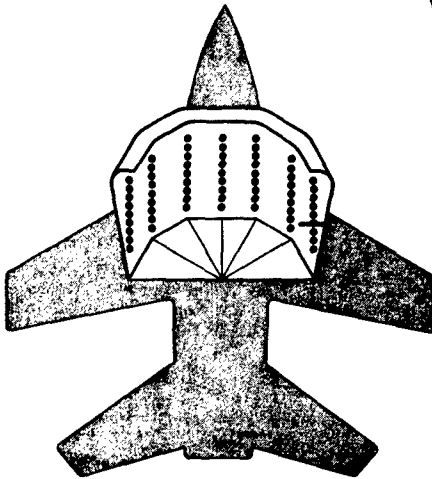
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3	4.	35.0	88.9	6.	—	—	8.	34.5	87.6
2.	33.0	83.8	5.	32.0	81.3	7.	—	—	9.	33.0	83.8
3.	28.0	71.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	33.0	83.8	14.	33.0	83.8	16.	37.5	95.3
11.	31.0	78.7	13.	33.0	83.8	15.	33.0	83.8	17.	36.0	91.4

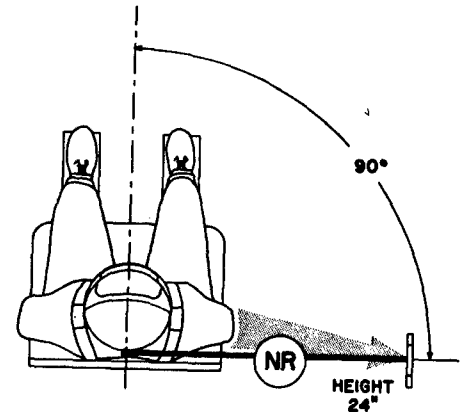
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

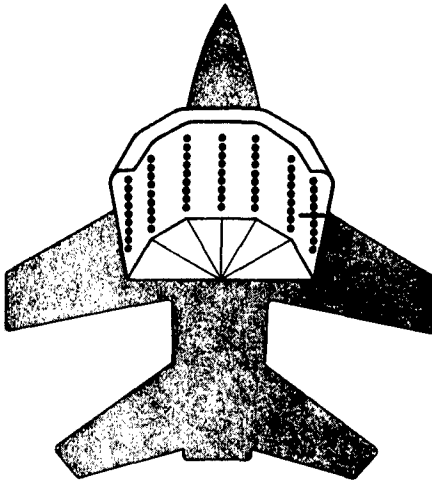
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3	4.	36.0	91.4	6.	33.0	83.8	8.	34.0	86.4
2.	—	—	5.	32.0	81.3	7.	—	—	9.	33.5	85.1
3.	29.0	73.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	34.0	86.4	14.	33.5	85.1	16.	34.0	86.4
11.	—	—	13.	33.5	85.1	15.	32.5	82.6	17.	35.5	90.2

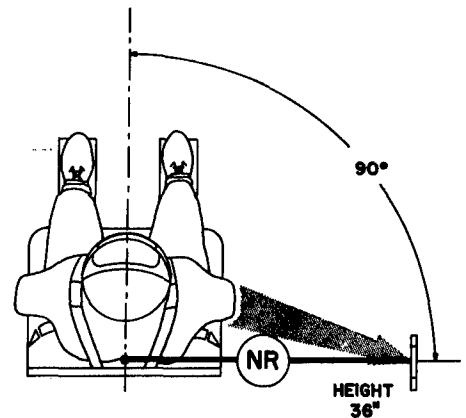
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

ed 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

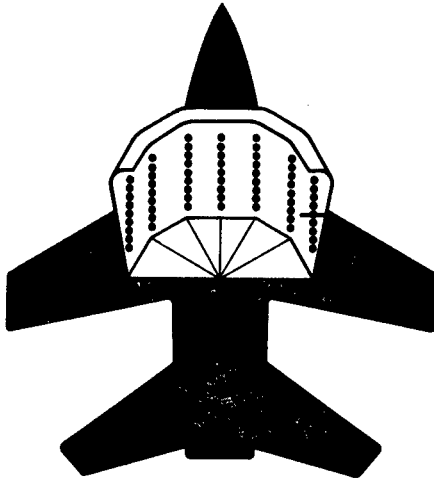
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7	4.	29.0	73.7	6.	—	—	8.	34.0	86.4
2.	—	—	5.	—	—	7.	—	—	9.	32.0	81.3
3.	27.0	68.6									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	32.5	82.6	14.	—	—	16.	33.0	83.8
11.	—	—	13.	34.0	86.4	15.	32.5	82.6	17.	34.5	87.6

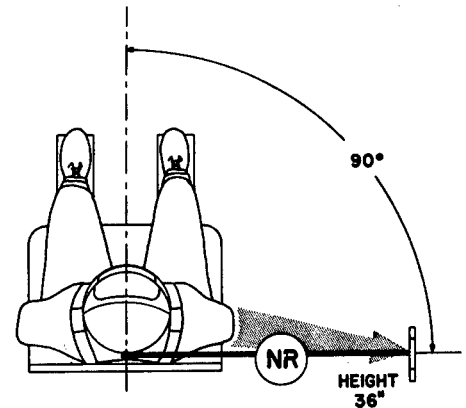
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

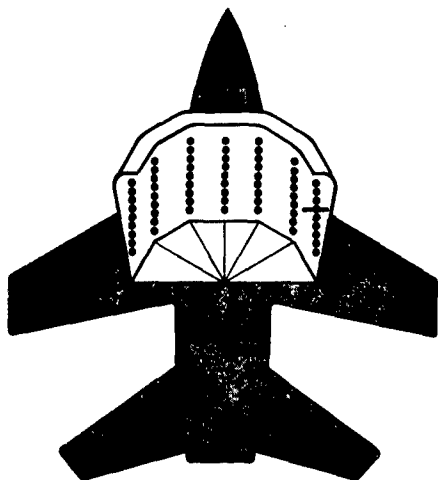
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.0	81.3	4.	34.0	86.4	6.	—	—	8.	32.0	81.3
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	33.5	85.1	14.	—	—	16.	31.0	78.7
11.	—	—	13.	31.5	80.0	15.	32.0	81.3	17.	35.5	90.2

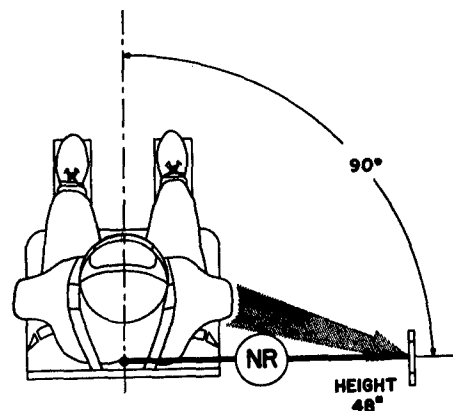
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with RIGHT hand, knob must be placed no more than 90° to the right of centerline.

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

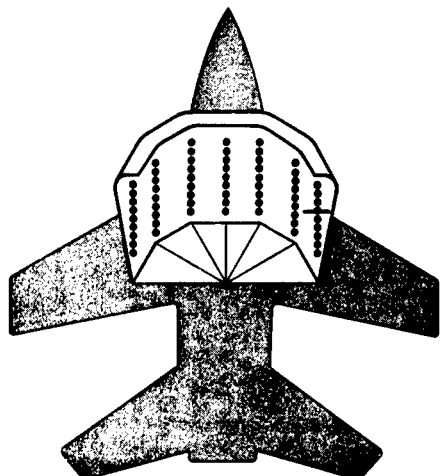
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	25.0	63.5
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	22.0	55.9	14.	—	—	16.	—	—
11.	—	—	13.	26.0	66.0	15.	—	—	17.	23.0	58.4

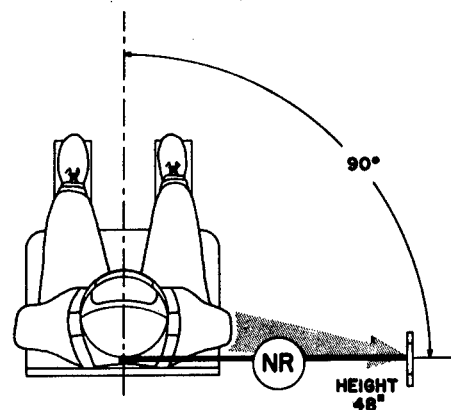
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT HAND
f

placed 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

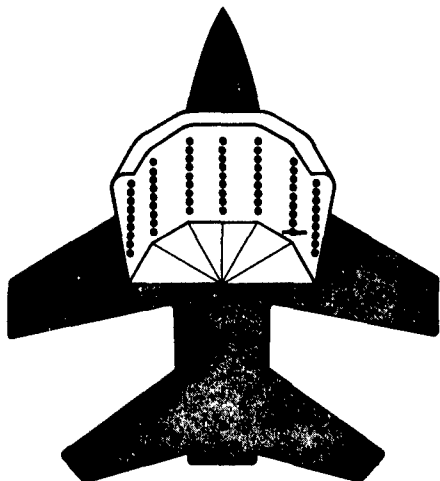
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	24.5	62.2	14.	—	—	16.	21.0	53.3
11.	—	—	13.	23.0	58.4	15.	—	—	17.	22.5	57.2

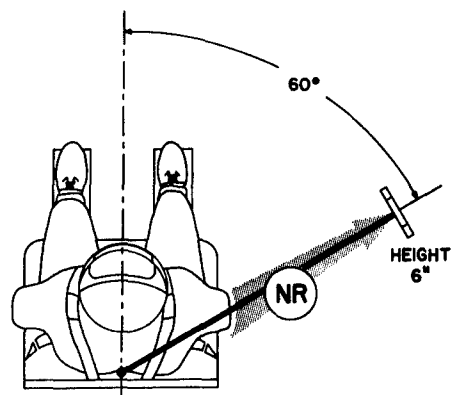
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

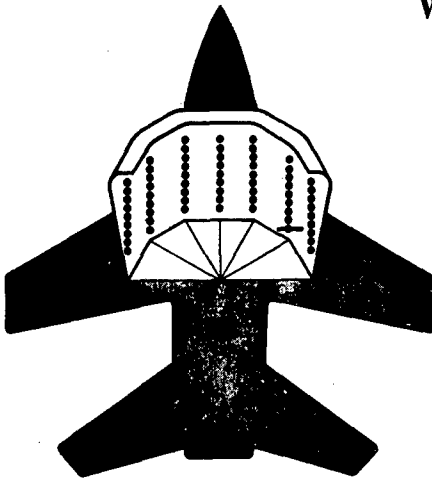
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	28.5	72.4	6.	—	—	8.	24.0	61.0
2.	22.0	55.9	5.	—	—	7.	—	—	9.	22.0	55.9
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	24.5	62.2
11.	22.5	57.2	13.	21.5	54.6	15.	24.0	61.0	17.	22.0	55.9

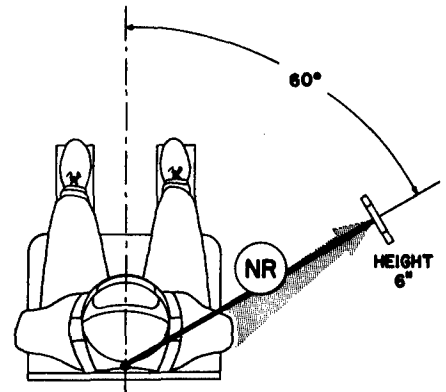
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

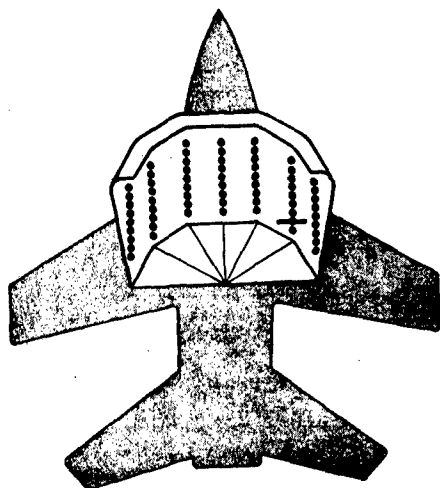
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	28.0	71.1	6.	—	—	8.	23.0	58.4
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	21.5	54.6	13.	23.5	59.7	15.	24.0	61.0	17.	22.5	57.2

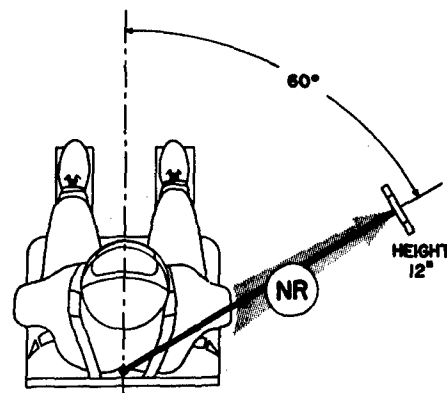
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT HAND
f

tilted 60° to the
knob must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

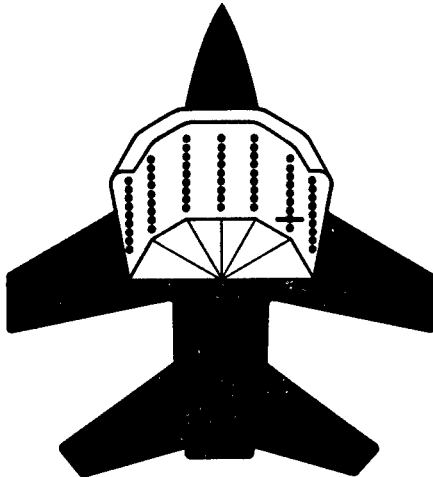
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	27.5	69.9	4.	32.0	81.3	6.	—	—	8.	28.0	71.1
2.	25.5	64.8	5.	29.0	73.7	7.	—	—	9.	29.5	74.9
3.	24.0	61.0									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	29.0	73.7	12.	29.0	73.7	14.	29.0	73.7	16.	31.5	80.0
11.	30.0	76.2	13.	29.0	73.7	15.	30.0	76.2	17.	30.0	76.2

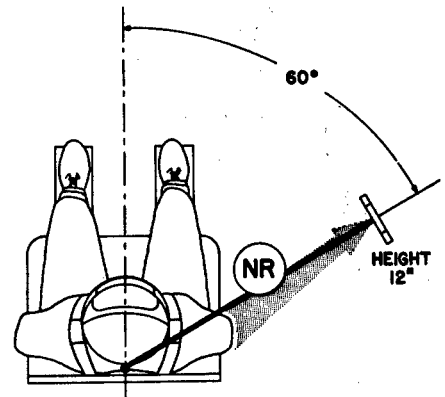
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate ...
RIGHT ...
f ...

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT SIZE

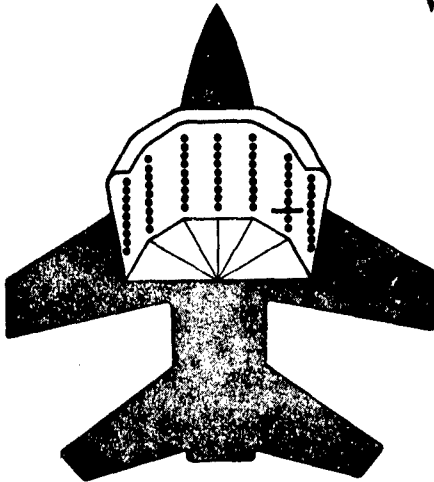
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	24.5	62.2	4.	32.0	81.3	6.	25.0	63.5	8.	28.0	71.1
2.	27.5	69.9	5.	26.0	66.0	7.	—	—	9.	28.0	71.1
3.	23.0	58.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	30.0	76.2	12.	28.0	71.1	14.	27.0	68.6	16.	27.0	68.6
11.	28.0	71.1	13.	28.5	72.4	15.	30.0	76.2	17.	28.5	72.4

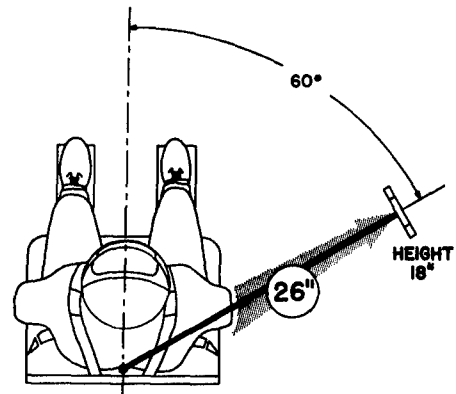
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 26" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

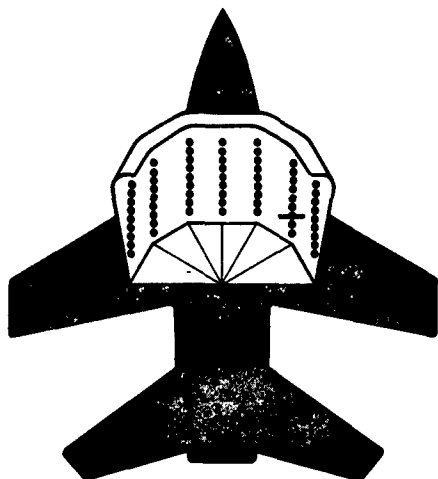
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2	4.	35.0	88.9	6.	29.0	73.7	8.	32.5	82.6
2.	31.0	78.7	5.	31.0	78.7	7.	28.5	72.4	9.	32.5	82.6
3.	26.0	66.0									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.5	82.6	12.	32.5	82.6	14.	33.0	83.8	16.	33.5	85.1
11.	33.0	83.8	13.	32.0	81.3	15.	32.5	82.6	17.	34.0	86.4

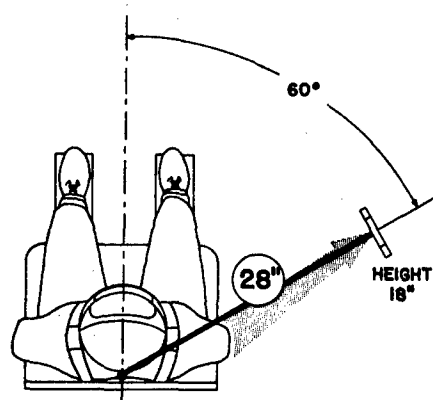
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 28" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

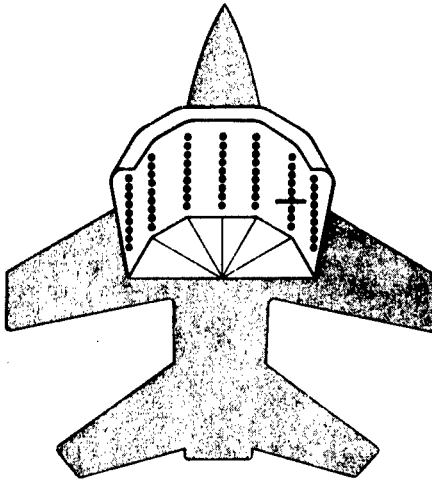
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1	4.	35.0	88.9	6.	30.5	77.5	8.	31.5	80.0
2.	29.5	74.9	5.	30.0	76.2	7.	30.0	76.2	9.	31.0	78.7
3.	28.5	72.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.0	83.8	12.	31.5	80.0	14.	31.0	78.7	16.	32.5	82.6
11.	31.5	80.0	13.	32.5	82.6	15.	32.5	82.6	17.	32.5	82.6

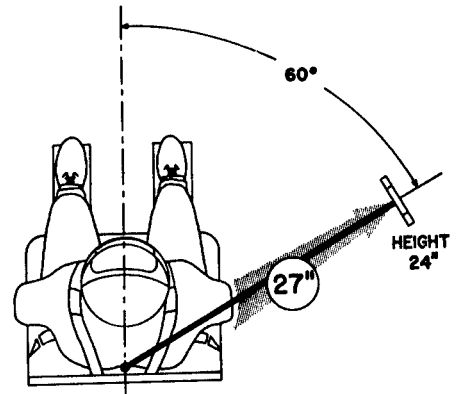
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

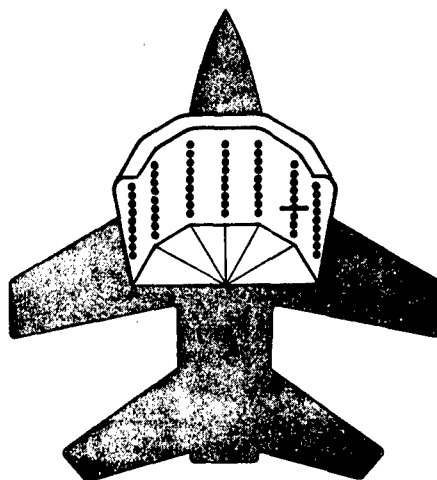
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	32.5	82.6	4.	36.5	92.7	6.	32.0	81.3	8.	36.0	91.4
2.	32.0	81.3	5.	33.5	85.1	7.	31.0	78.7	9.	35.0	88.9
3.	27.5	69.9									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4	12.	34.0	86.4	14.	35.0	88.9	16.	35.0	88.9
11.	36.0	91.4	13.	34.0	86.4	15.	34.5	87.6	17.	36.5	92.7

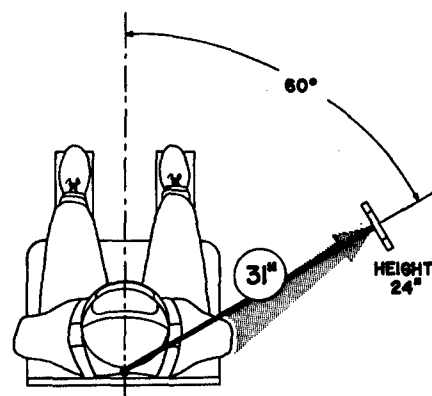
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 31" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

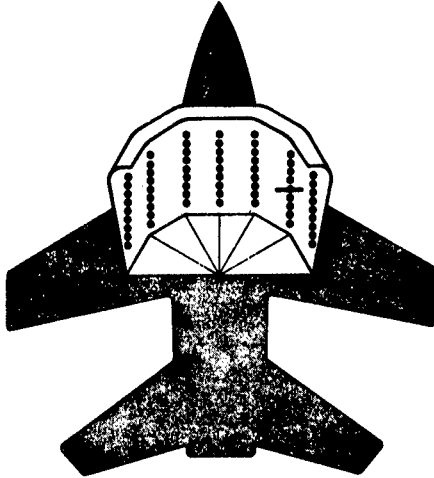
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7	4.	36.5	92.7	6.	32.0	81.3	8.	34.0	86.4
2.	32.0	81.3	5.	33.0	83.8	7.	33.0	83.8	9.	33.5	85.1
3.	31.0	78.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	34.0	86.4	12.	33.0	83.8	14.	32.5	82.6	16.	33.5	85.1
11.	34.0	86.4	13.	34.0	86.4	15.	33.5	85.1	17.	35.0	88.9

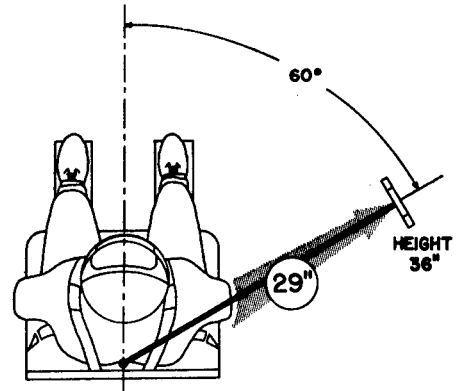
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

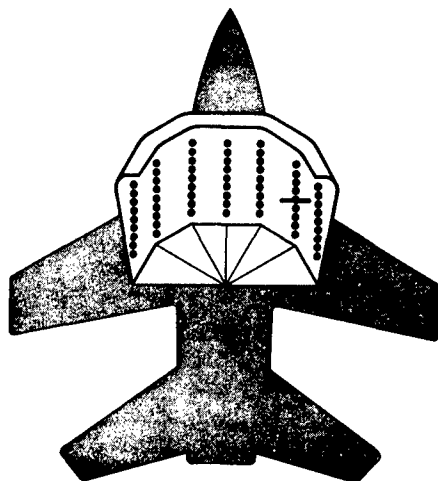
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.0	83.8	4.	35.5	90.2	6.	31.0	78.7	8.	33.5	85.1
2.	32.0	81.3	5.	34.0	86.4	7.	32.0	81.3	9.	34.5	87.6
3.	29.0	73.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.5	85.1	12.	34.5	87.6	14.	35.0	88.9	16.	34.0	86.4
11.	34.0	86.4	13.	34.5	87.6	15.	34.5	87.6	17.	36.0	91.4

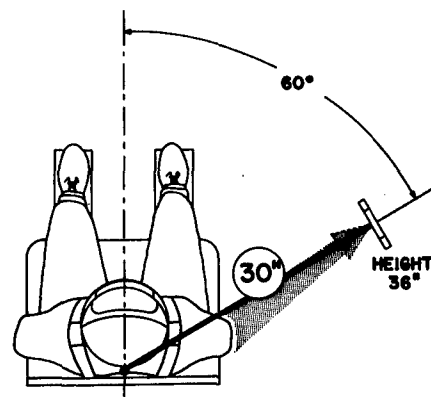
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 60° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 30" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

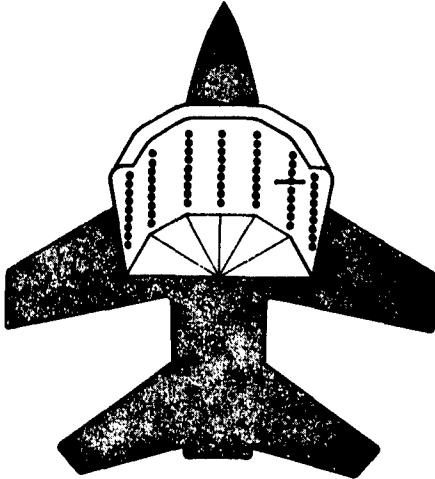
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7	4.	34.5	87.6	6.	30.0	76.2	8.	33.0	83.8
2.	30.0	76.2	5.	32.5	82.6	7.	34.0	86.4	9.	33.5	85.1
3.	30.5	77.5									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.0	83.8	12.	34.0	86.4	14.	34.0	86.4	16.	33.5	85.1
11.	34.0	86.4	13.	33.5	85.1	15.	34.0	86.4	17.	35.0	88.9

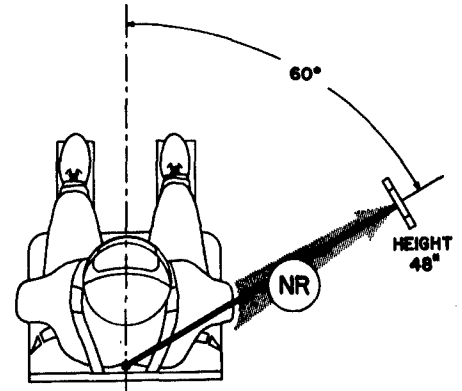
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

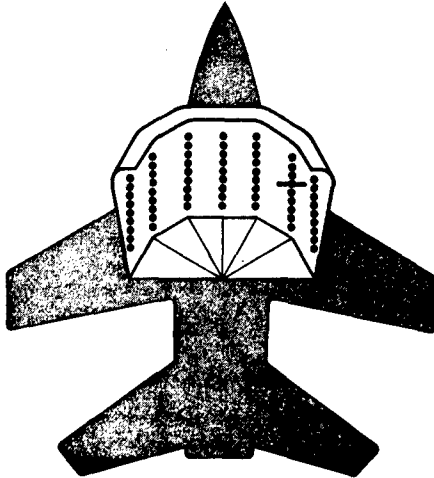
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	23.5	59.7	4.	24.5	62.2	6.	26.5	67.3	8.	27.0	68.6
2.	—	—	5.	—	—	7.	—	—	9.	26.0	66.0
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	26.5	67.3	14.	23.5	59.7	16.	24.0	61.0
11.	—	—	13.	28.5	72.4	15.	—	—	17.	29.0	73.7

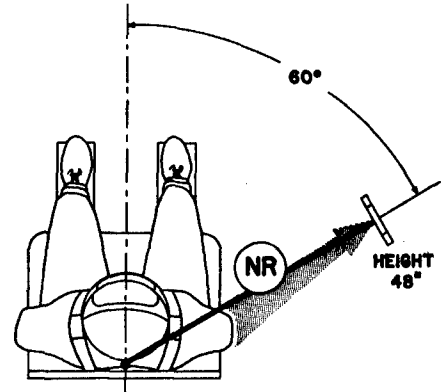
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
RIGHT
for

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

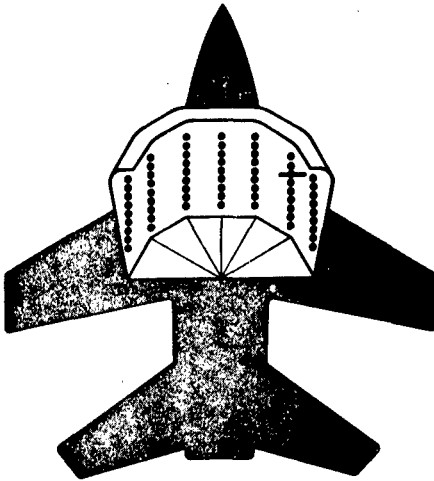
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	23.5	59.7	4.	—	—	6.	24.0	61.0	8.	33.5	85.1
2.	—	—	5.	22.0	55.9	7.	—	—	9.	25.5	64.8
3.	22.0	55.9									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	26.5	67.3	14.	25.0	63.5	16.	23.0	58.4
11.	—	—	13.	26.0	66.0	15.	22.5	57.2	17.	26.5	67.3

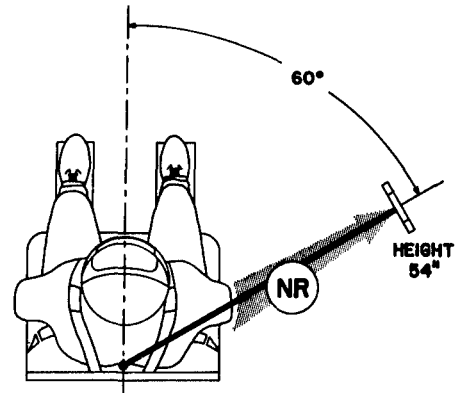
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—54"
Angle From Centerline—R60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

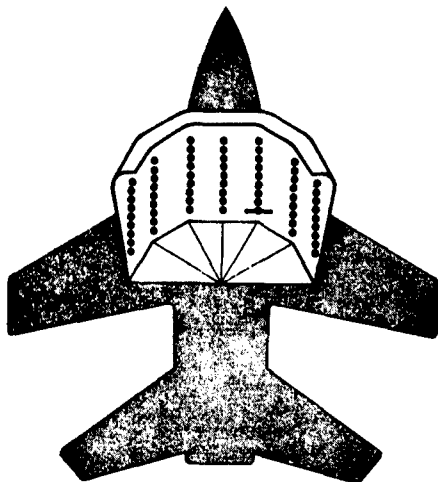
SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	20.0	50.8	15.	—	—	17.	20.0	50.8

NO FURTHER VALUES REACHED

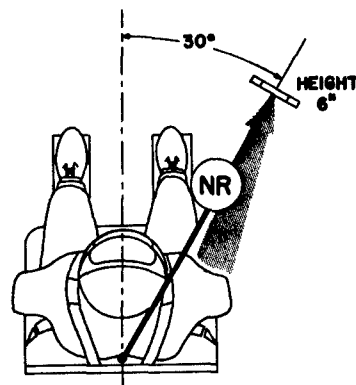
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

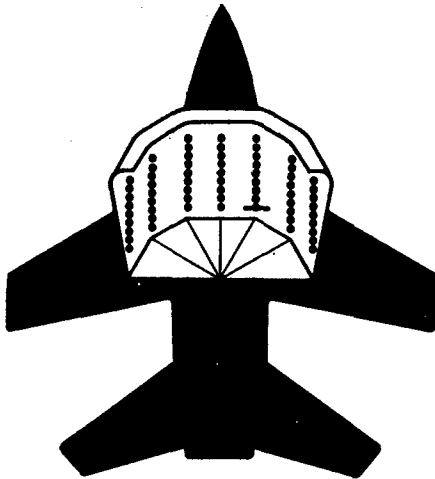
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	27.0	68.6	6.	—	—	8.	23.0	58.4
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

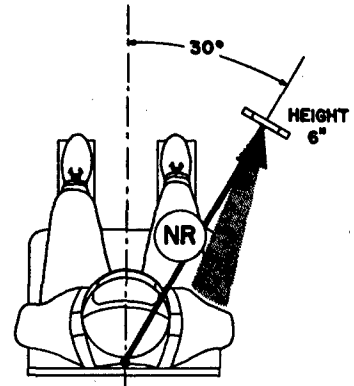
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

tilted 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

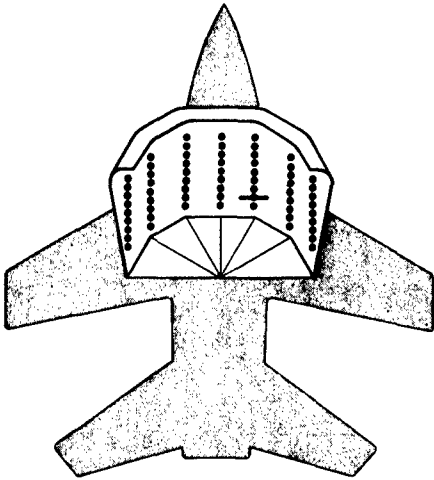
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	24.5	62.2	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

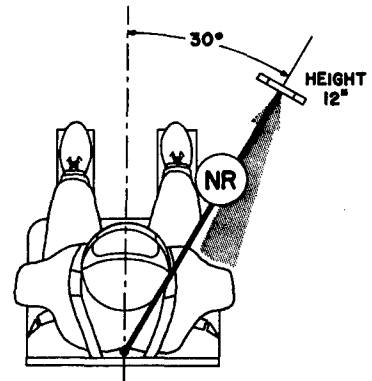
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

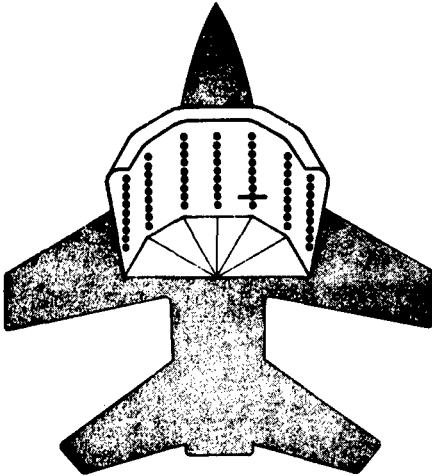
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	22.5	57.2	4.	30.0	76.2	6.	—	—	8.	26.0	66.0
2.	25.5	64.8	5.	25.5	64.8	7.	—	—	9.	26.5	67.3
3.	23.0	58.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	27.0	68.6	12.	25.5	64.8	14.	24.5	62.2	16.	24.0	61.0
11.	25.5	64.8	13.	25.0	63.5	15.	26.0	66.0	17.	—	—

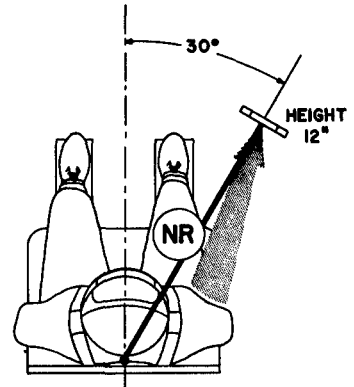
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

ved 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT SIZE

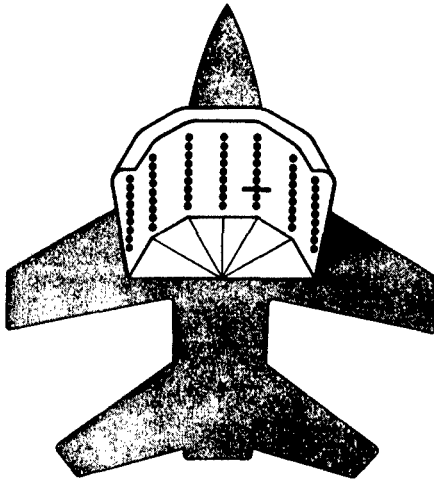
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	23.0	58.4	4.	26.5	67.3	6.	—	—	8.	25.0	63.5
2.	25.0	63.5	5.	22.5	57.2	7.	—	—	9.	23.5	59.7
3.	22.0	55.9									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	25.5	64.8	14.	—	—	16.	26.0	66.0
11.	25.0	63.5	13.	25.0	63.5	15.	26.0	66.0	17.	24.0	61.0

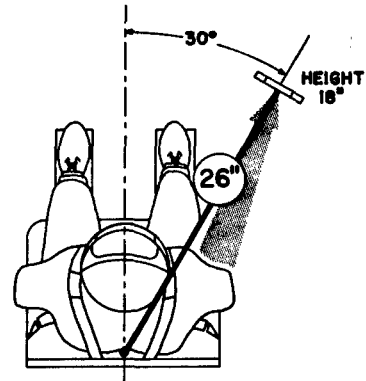
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 26" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

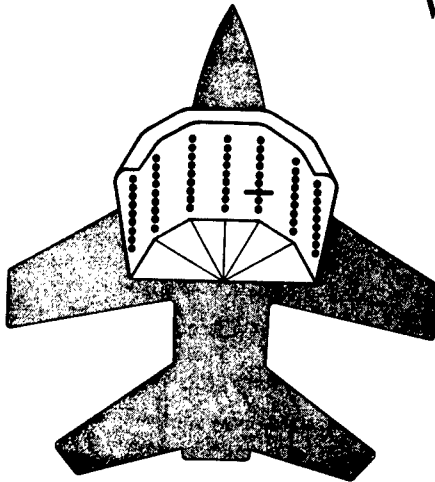
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	26.0	66.0	4.	31.0	78.7	6.	—	—	8.	31.5	80.0
2.	28.5	72.4	5.	30.5	77.5	7.	28.5	72.4	9.	30.5	77.5
3.	26.0	66.0									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.5	80.0	12.	31.0	78.7	14.	28.0	71.1	16.	28.0	71.1
11.	30.0	76.2	13.	30.0	76.2	15.	29.5	74.9	17.	30.0	76.2

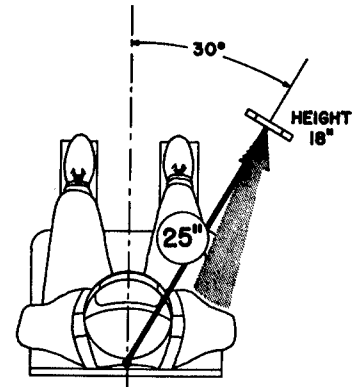
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 18" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

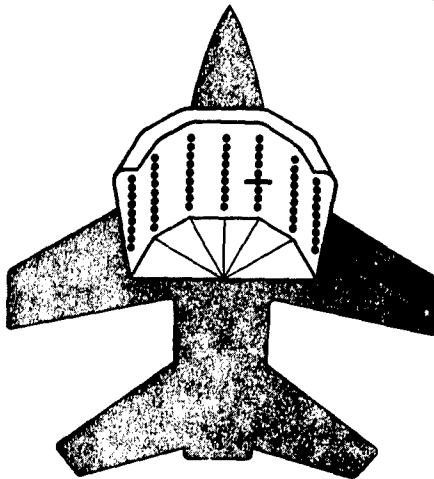
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1	4.	30.0	76.2	6.	25.0	63.5	8.	28.0	71.1
2.	27.5	69.9	5.	25.0	63.5	7.	29.0	73.7	9.	28.0	71.1
3.	27.0	68.6									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7	12.	28.0	71.1	14.	27.5	69.9	16.	29.5	74.9
11.	29.0	73.7	13.	29.0	73.7	15.	29.0	73.7	17.	28.5	72.4

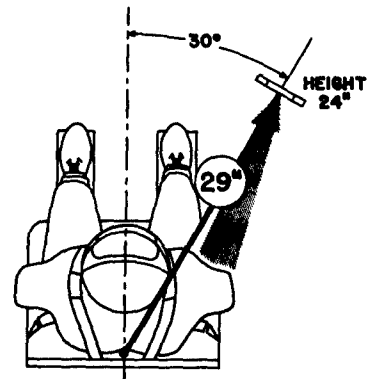
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 29" from XSRP.

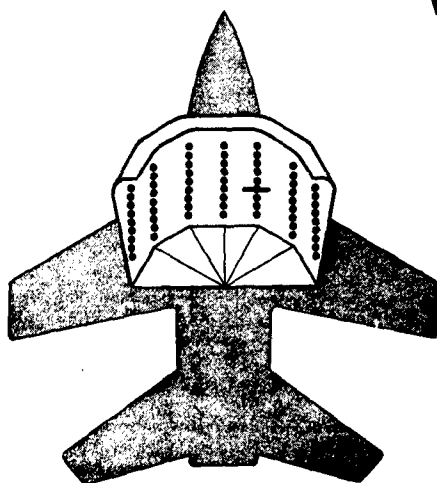
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	29.0	73.7	4.	34.0	86.4	6.	29.0	73.7	8.	34.0	86.4
	2.	30.0	76.2	5.	32.0	81.3	7.	31.0	78.7	9.	33.0	83.8
	3.	30.0	76.2									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	32.0	81.3	12.	33.0	83.8	14.	29.0	73.7	16.	31.0	78.7
	11.	30.0	76.2	13.	32.5	82.6	15.	31.5	80.0	17.	31.5	80.0

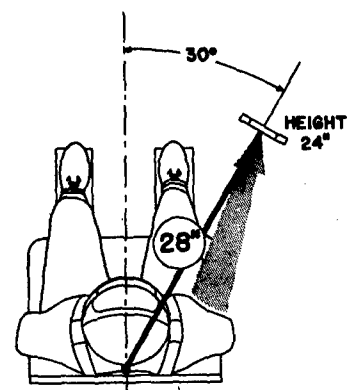
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 24" above the deck the knob must be placed no further than 28" from XSRP.

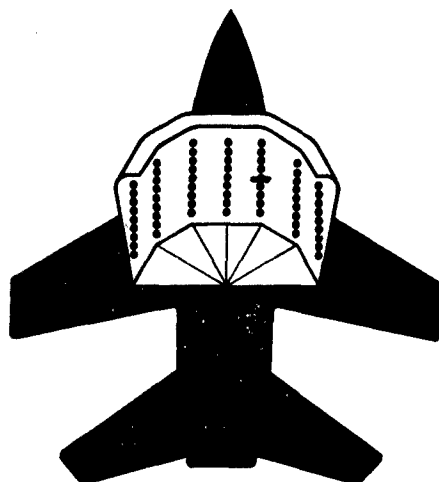
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	28.5	72.4	4.	31.5	80.0	6.	29.0	73.7	8.	30.0	76.2
	2.	29.0	73.7	5.	28.0	71.1	7.	31.0	78.7	9.	30.5	77.5
	3.	29.0	73.7									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	32.0	81.3	12.	30.0	76.2	14.	30.0	76.2	16.	31.5	80.0
	11.	31.0	78.7	13.	30.5	77.5	15.	30.5	77.5	17.	31.0	78.7

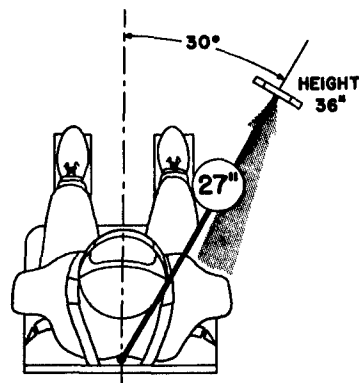
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

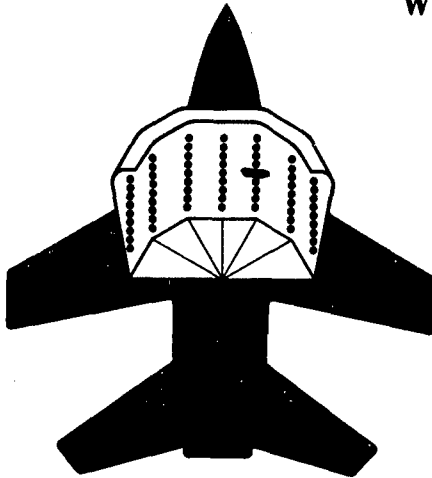
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1	4.	30.0	76.2	6.	29.0	73.7	8.	33.0	83.8
2.	27.5	69.9	5.	32.0	81.3	7.	31.0	78.7	9.	32.5	82.6
3.	29.0	73.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.0	81.3	12.	32.5	82.6	14.	30.0	76.2	16.	31.0	78.7
11.	30.5	77.5	13.	33.0	83.8	15.	31.5	80.0	17.	32.0	81.3

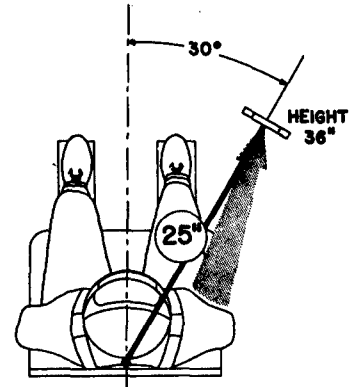
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **RIGHT** hand a rotary knob located 30° to the **RIGHT** of center and 36" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

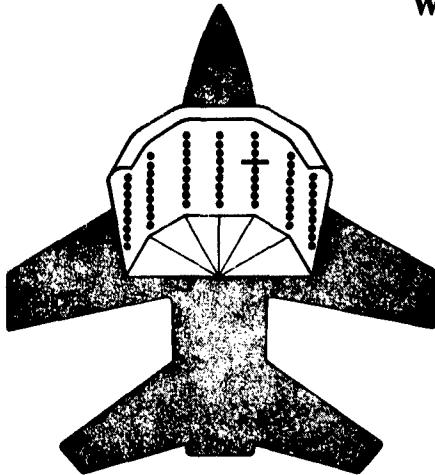
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	27.5	69.9	4.	30.5	77.5	6.	30.5	77.5	8.	30.0	76.2
2.	25.0	63.5	5.	29.5	74.9	7.	32.0	81.3	9.	30.0	76.2
3.	28.5	72.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	30.0	76.2	12.	31.5	80.0	14.	29.5	74.9	16.	31.5	80.0
11.	29.5	74.9	13.	30.5	77.5	15.	29.0	73.7	17.	31.5	80.0

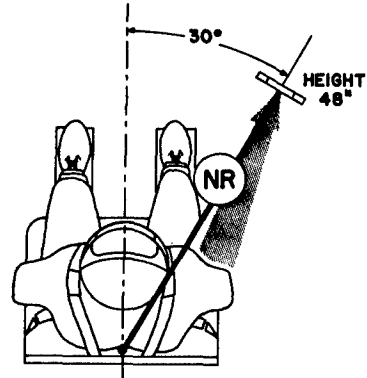
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

used 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

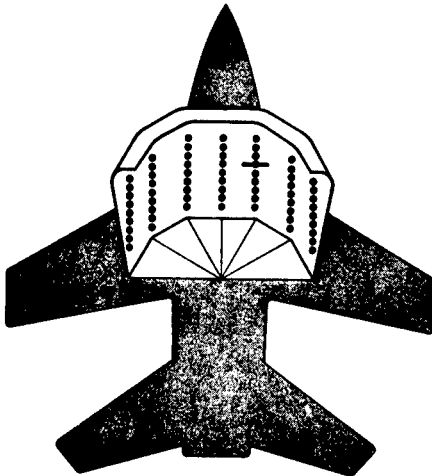
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	22.0	55.9	4.	—	—	6.	23.0	58.4	8.	27.5	69.9
2.	—	—	5.	25.0	63.5	7.	—	—	9.	21.0	53.3
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	27.0	68.6	14.	22.0	55.9	16.	22.0	55.9
11.	—	—	13.	24.5	62.2	15.	—	—	17.	23.0	58.4

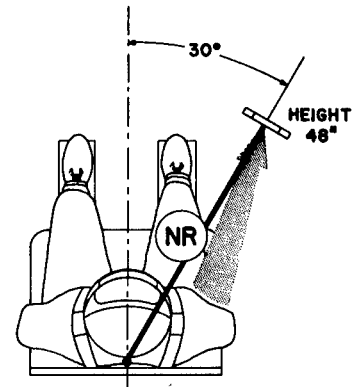
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

tilted 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

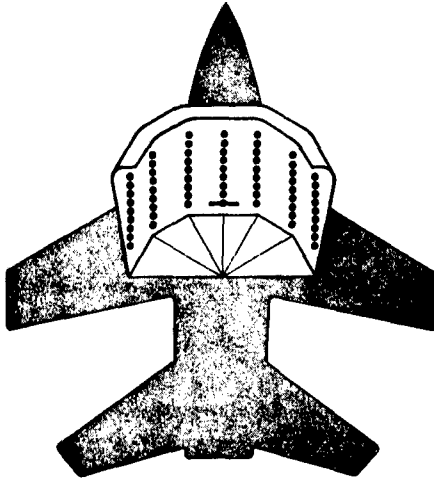
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	23.5	59.7	8.	22.0	55.9
2.	—	—	5.	22.5	57.2	7.	—	—	9.	23.5	59.7
3.	20.0	50.8									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	23.5	59.7	14.	22.0	55.9	16.	25.5	64.8
11.	—	—	13.	23.5	59.7	15.	22.0	55.9	17.	22.0	55.9

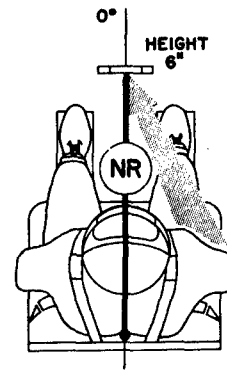
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
and 6" reach
f

CENTERLINE
no further than —

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

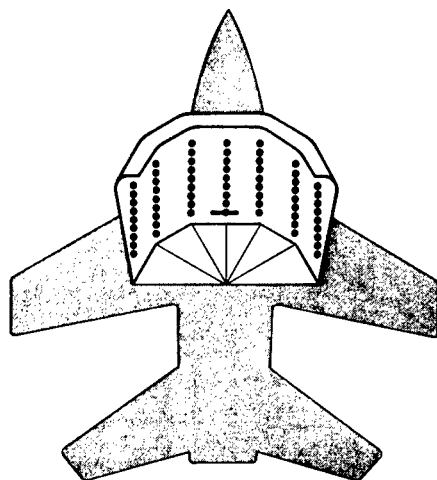
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

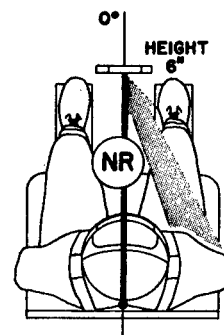
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 6" $\pm$
from

NOT RECOMMENDED

no further than —

SUBJECT REACH DATA

SUIT
SIZE

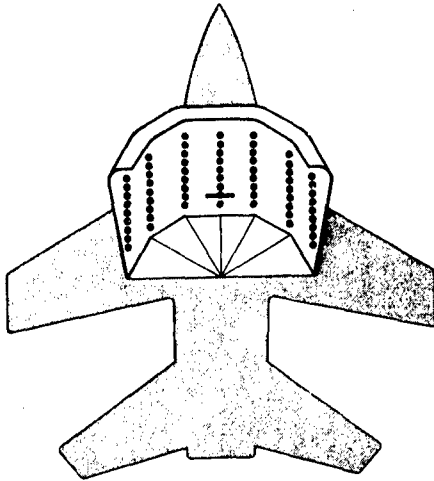
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

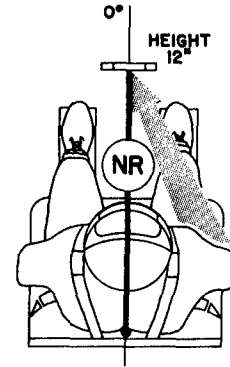
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
and 12"
f.

ERLINE
no further than —

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

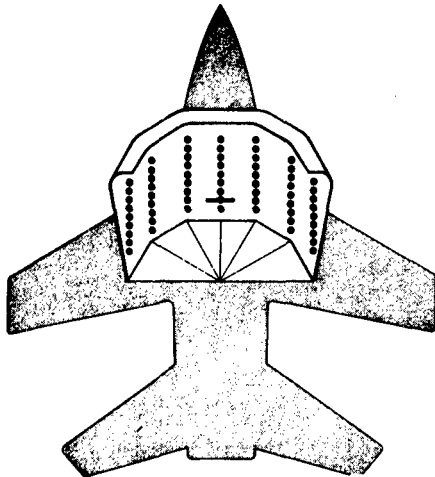
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	24.0	61.0	6.	—	—	8.	23.0	58.4
2.	—	—	5.	24.0	61.0	7.	—	—	9.	23.0	58.4
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	24.0	61.0	14.	—	—	16.	—	—
11.	—	—	13.	21.0	53.3	15.	22.0	55.9	17.	—	—

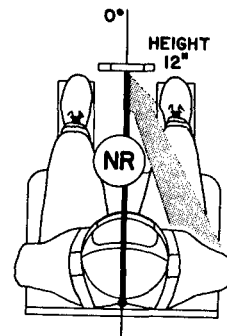
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 12"
f.

NOT RECOMMENDED

Centerline
no further than —

SUBJECT REACH DATA

SUIT
SIZE

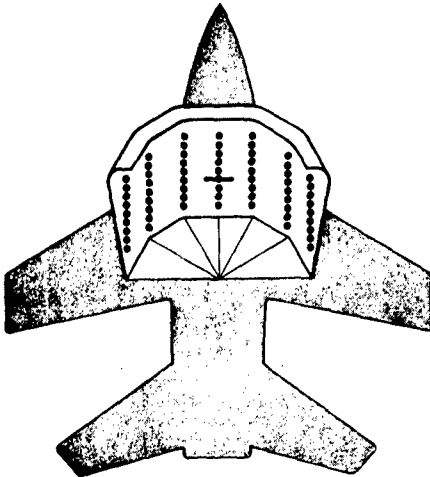
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	22.0	55.9	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	20.0	50.8	13.	—	—	15.	25.0	63.5	17.	—	—

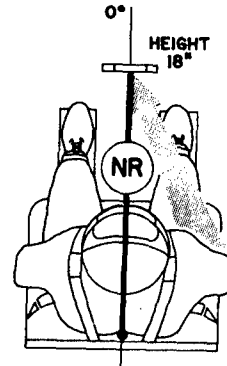
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with —
and 18" —
f —
CENTERLINE
no further than —

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

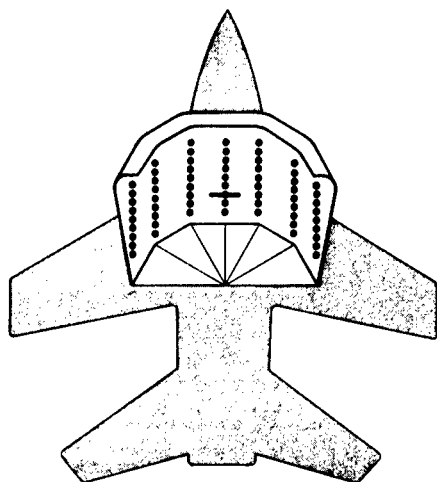
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	22.0	55.9	4.	26.0	66.0	6.	—	—	8.	25.0	63.5
2.	23.5	59.7	5.	27.0	68.6	7.	—	—	9.	25.5	64.8
3.	23.0	58.4									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	23.5	59.7	12.	26.5	67.3	14.	20.0	50.8	16.	24.0	61.0
11.	22.5	57.2	13.	23.0	58.4	15.	25.5	64.8	17.	26.0	66.0

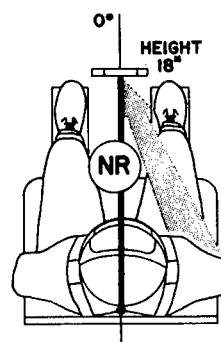
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 18"
f.

NOT RECOMMENDED

centerline
no further than —

SUBJECT REACH DATA

SUIT
SIZE

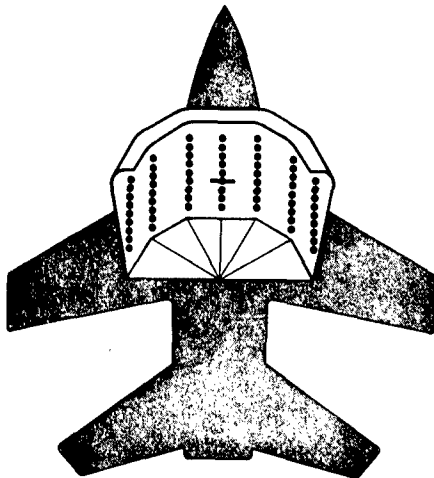
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	21.0	53.3	4.	24.0	61.0	6.	—	—	8.	23.0	58.4
2.	22.5	57.2	5.	21.5	54.6	7.	—	—	9.	24.5	62.2
3.	22.0	55.9									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	22.5	57.2	12.	25.0	63.5	14.	19.0	48.3	16.	25.0	63.5
11.	24.0	61.0	13.	24.0	61.0	15.	27.0	68.6	17.	23.5	59.7

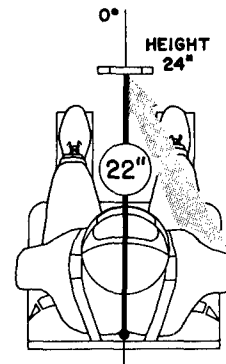
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 24" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

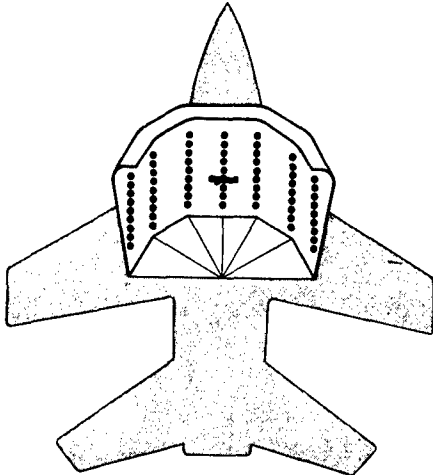
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	24.0	61.0	4.	28.0	71.1	6.	22.0	55.9	8.	27.0	68.6
2.	26.0	66.0	5.	28.5	72.4	7.	23.0	58.4	9.	29.0	73.7
3.	23.5	59.7									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	25.0	63.5	12.	28.5	72.4	14.	23.5	59.7	16.	26.0	66.0
11.	24.0	61.0	13.	27.5	69.9	15.	27.0	68.6	17.	27.5	69.9

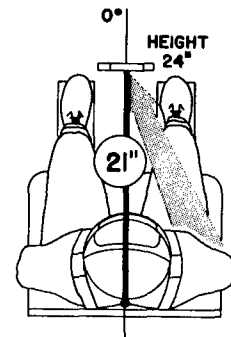
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 24" above the deck the knob must be placed no further than 21" from XSRP.

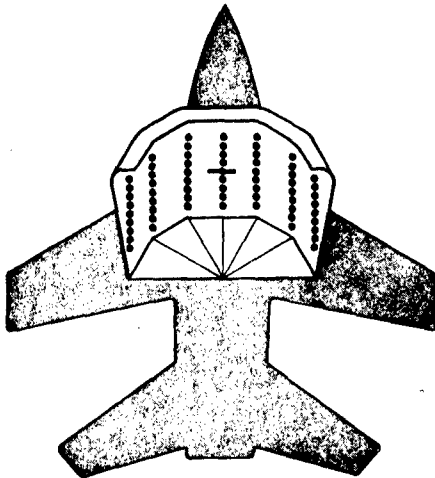
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	23.5	59.7	4.	26.0	66.0	6.	21.0	53.3	8.	25.0	63.5
	2.	24.0	61.0	5.	29.5	74.9	7.	24.0	61.0	9.	26.0	66.0
	3.	25.5	64.8									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	23.0	58.4	12.	25.0	63.5	14.	21.0	53.3	16.	25.0	63.5
	11.	27.0	68.6	13.	25.0	63.5	15.	24.0	61.0	17.	26.0	66.0

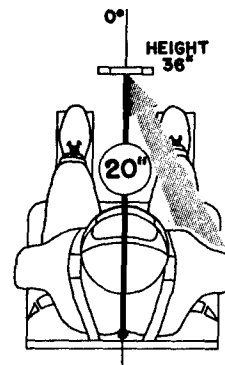
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 36" above the deck the knob must be placed no further than 20" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

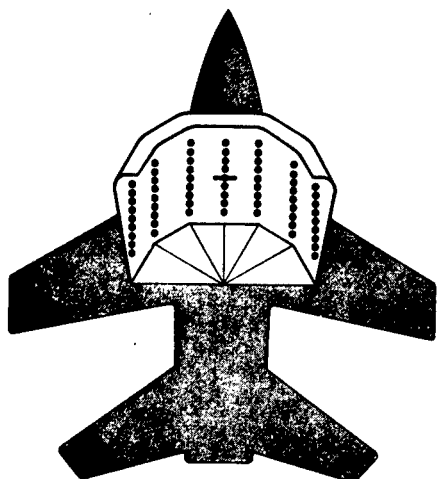
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	22.0	55.9	4.	27.0	68.6	6.	20.5	52.1	8.	25.5	64.8
2.	25.5	64.8	5.	28.0	71.1	7.	23.0	58.4	9.	27.0	68.6
3.	23.5	59.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	22.5	57.2	12.	29.0	73.7	14.	21.5	54.6	16.	25.0	63.5
11.	25.0	63.5	13.	27.0	68.6	15.	25.5	64.8	17.	25.5	64.8

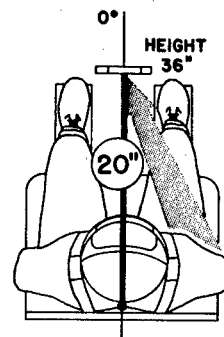
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with **EITHER** hand a rotary knob located on **CENTERLINE** and 36" above the deck the knob must be placed no further than 20" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

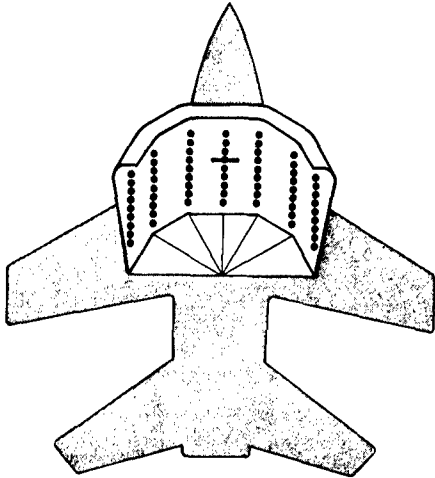
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	23.0	58.4	4.	24.5	62.2	6.	21.5	54.6	8.	21.5	54.6
2.	21.0	53.3	5.	22.5	57.2	7.	21.0	53.3	9.	27.0	68.6
3.	24.0	61.0									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	21.5	54.6	12.	26.0	66.0	14.	22.0	55.9	16.	25.0	63.5
11.	20.0	50.8	13.	25.0	63.5	15.	—	—	17.	23.0	58.4

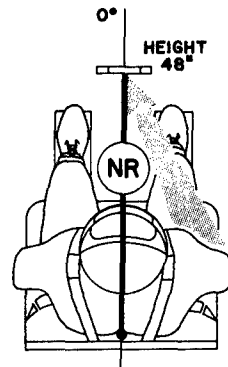
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—0°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
and 48"
f

CENTERLINE
no further than —

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

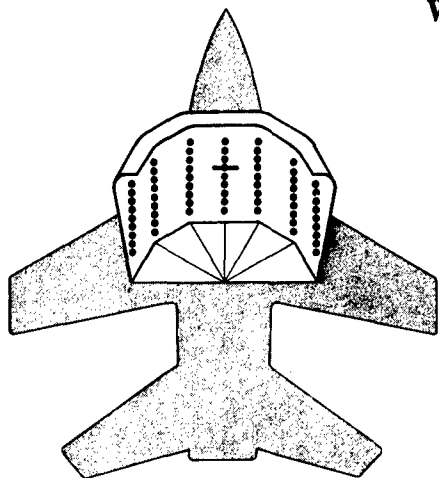
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	—	—	14.	—	—	16.	18.0	45.7
11.	—	—	13.	22.0	55.9	15.	—	—	17.	—	—

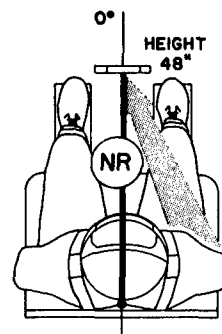
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—0°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
and 48"
f-

ERLINE
further than —

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

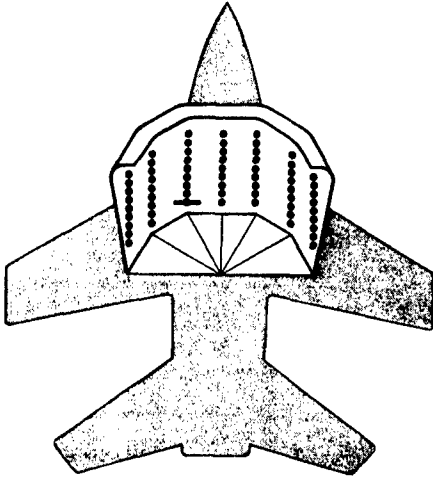
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	18.0	45.7
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	18.0	45.7	14.	—	—	16.	—	—
11.	—	—	13.	17.0	43.2	15.	—	—	17.	—	—

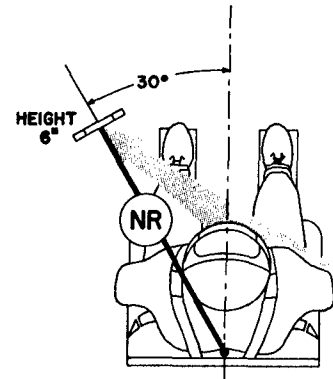
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT
f

ed 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

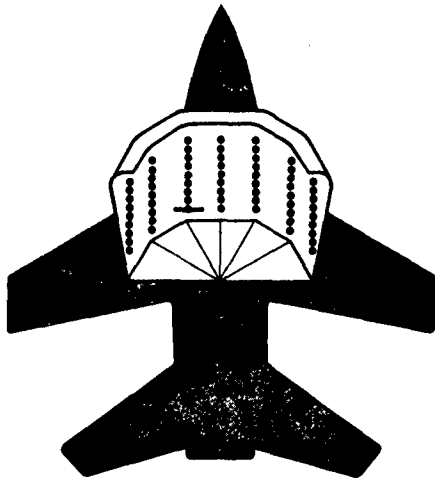
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

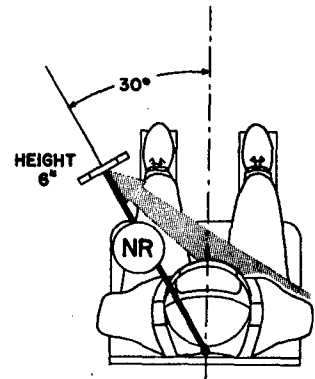
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

ated 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

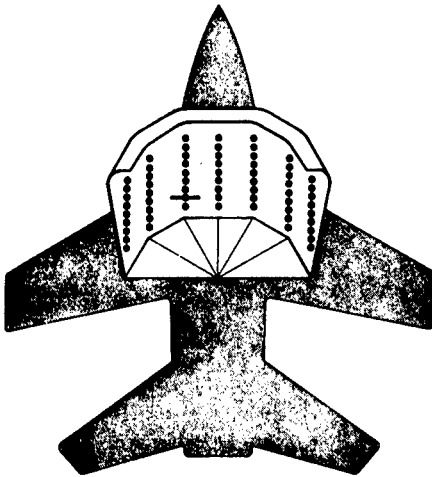
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

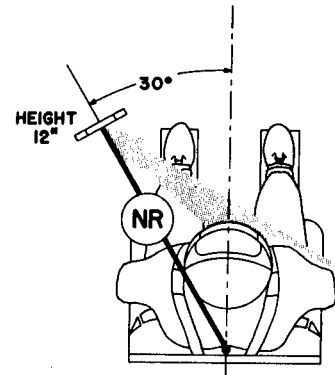
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate -
LEFT -
ft

ated 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

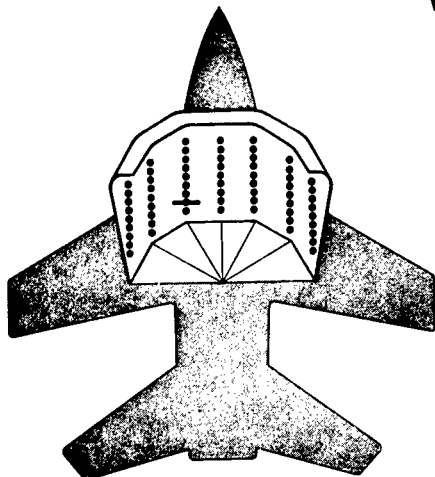
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

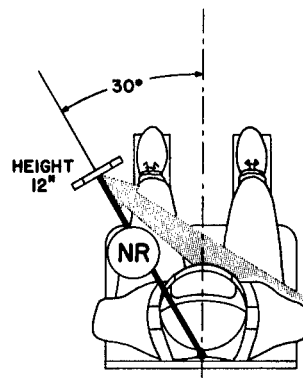
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
for

tilted 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

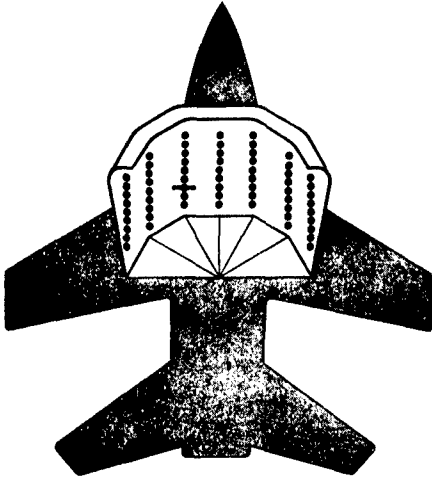
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

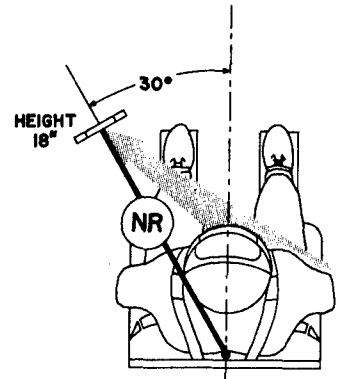
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

tilted 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

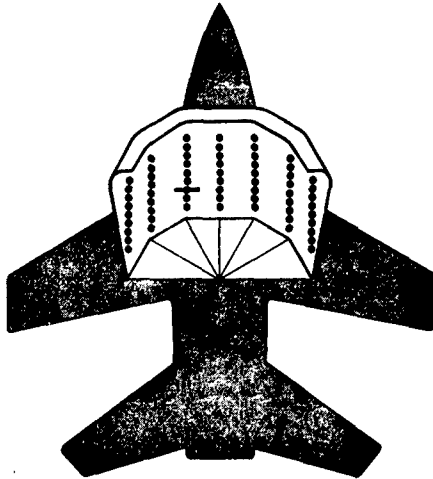
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	21.0	53.3	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

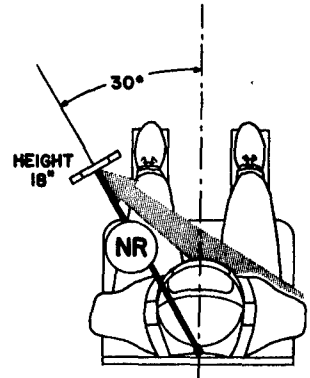
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

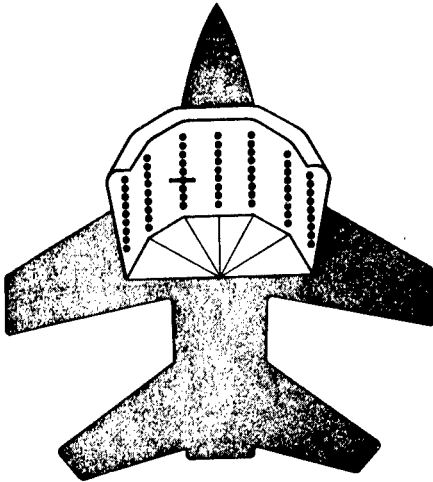
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

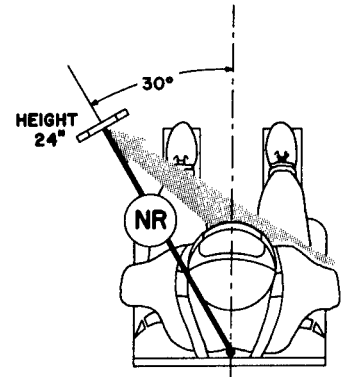
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate ...
LEFT of ...
f ...

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

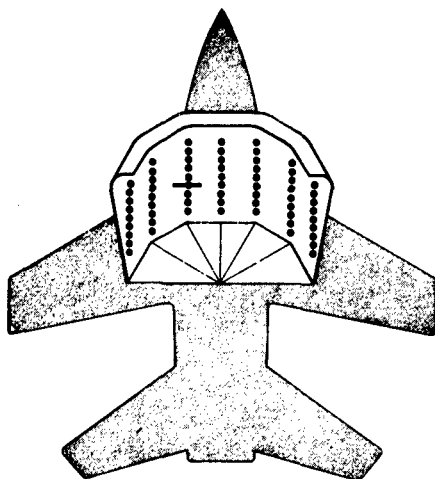
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	—	4.	18.0	45.7	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	20.0	50.8	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

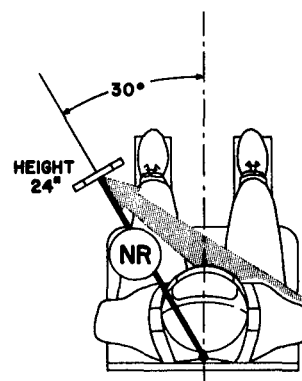
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

tilted 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

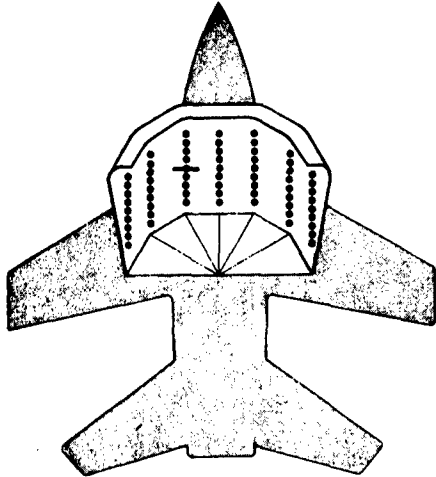
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

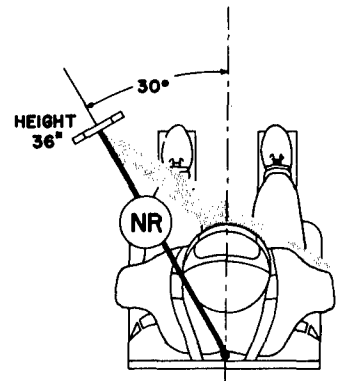
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

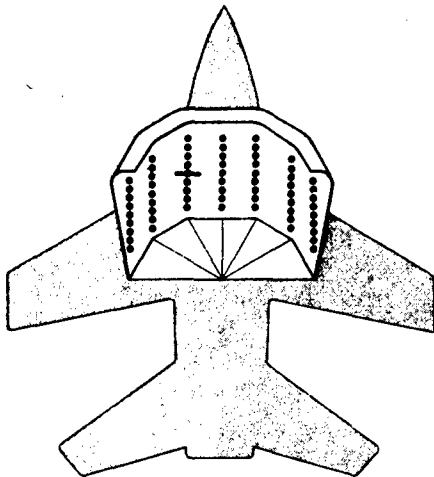
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	21.0	53.3	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

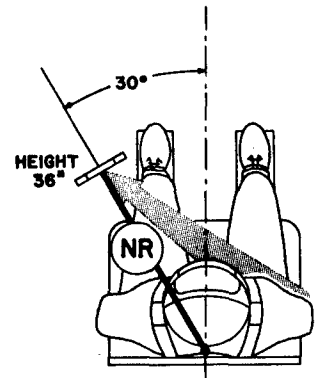
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

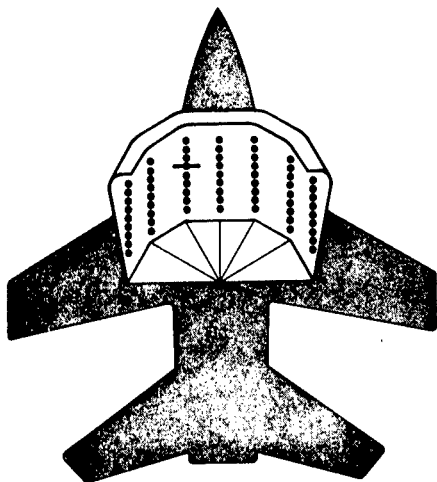
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

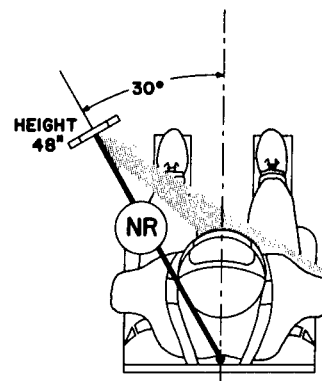
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

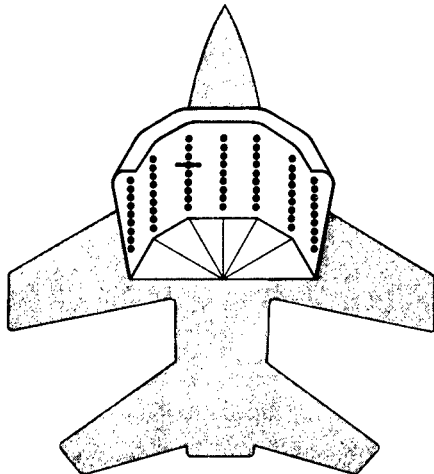
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

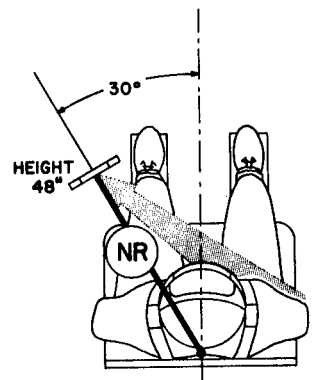
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

tilted 30° to the
axis must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

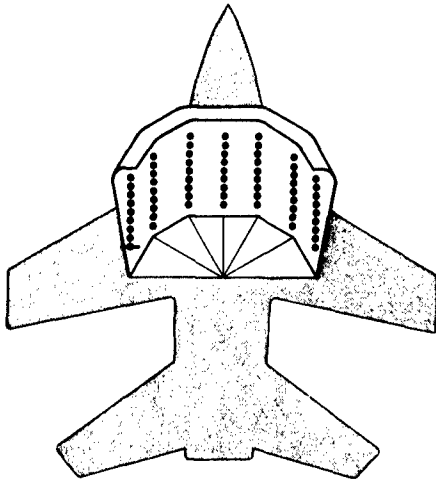
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

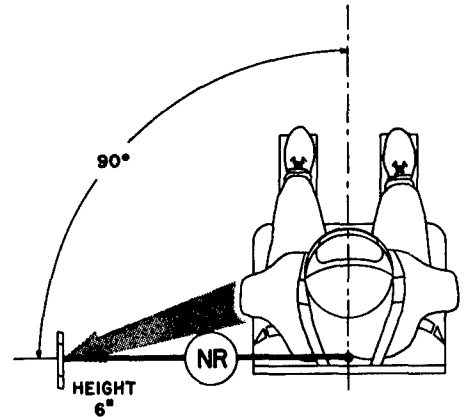
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

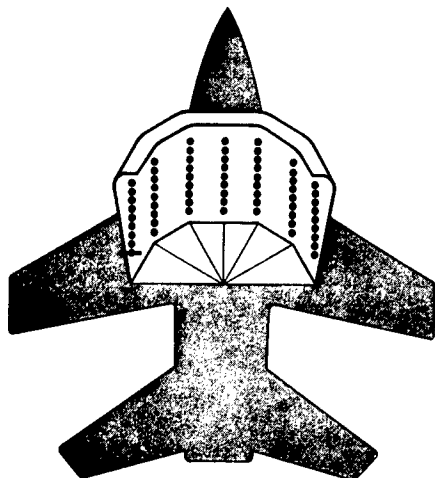
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	23.5	59.7	6.	—	—	8.	24.0	61.0
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	27.0	68.6
11.	21.5	54.6	13.	23.0	58.4	15.	24.0	61.0	17.	—	—

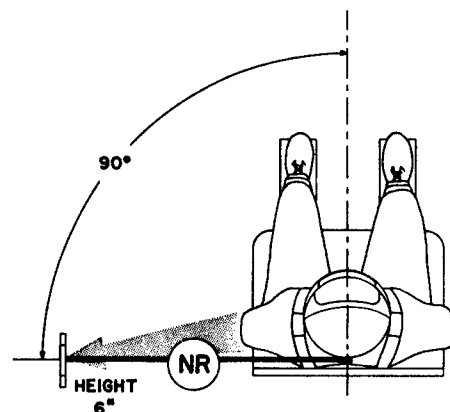
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

ed 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

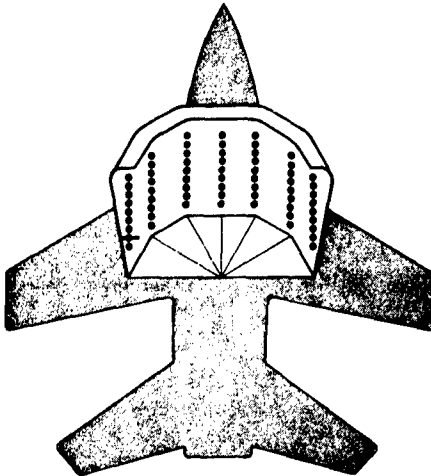
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	23.5	59.7	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	26.0	66.0
11.	24.5	62.2	13.	23.0	58.4	15.	24.5	62.2	17.	—	—

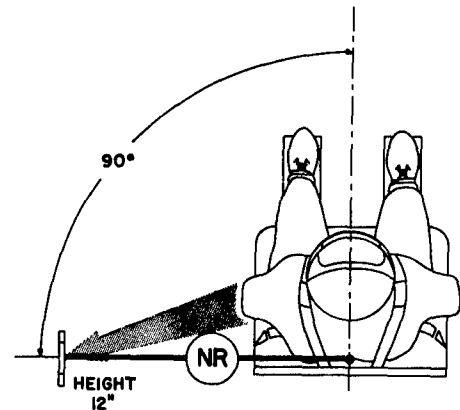
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
from

Seated 90° to the
deck must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

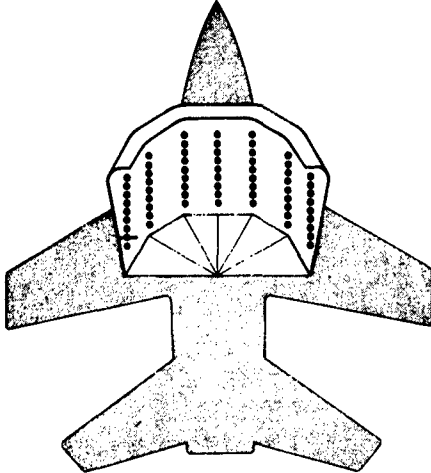
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	25.0	63.5	4.	28.0	71.1	6.	—	—	8.	28.5	72.4
2.	—	—	5.	25.5	64.8	7.	—	—	9.	28.5	72.4
3.	26.5	67.3									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	29.0	73.7	14.	28.0	71.1	16.	33.0	83.8
11.	27.0	68.6	13.	31.5	80.0	15.	31.0	78.7	17.	26.0	66.0

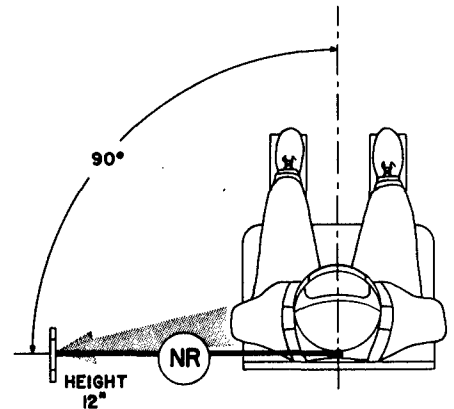
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT HAND
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

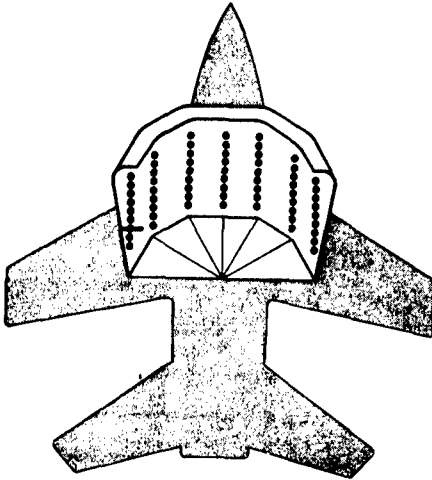
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	23.0	58.4	4.	27.5	69.9	6.	—	—	8.	29.0	73.7
2.	—	—	5.	24.0	61.0	7.	—	—	9.	30.0	76.2
3.	26.5	67.3									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	29.0	73.7	14.	28.0	71.1	16.	33.0	83.8
11.	28.0	71.1	13.	29.0	73.7	15.	31.0	78.7	17.	27.5	69.9

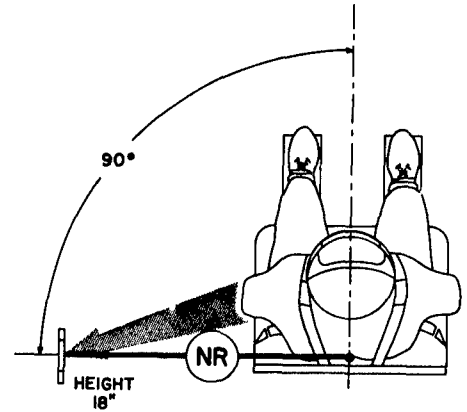
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

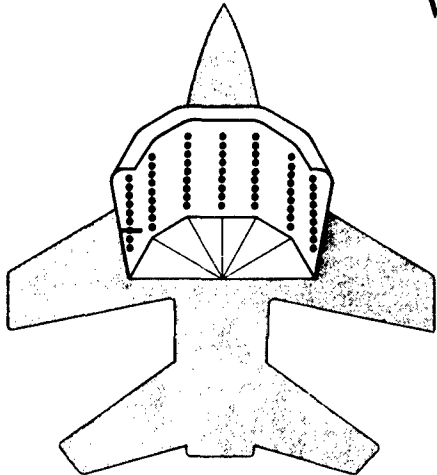
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	30.0	76.2	4.	30.5	77.5	6.	25.0	63.5	8.	32.0	81.3
2.	—	—	5.	29.0	73.7	7.	—	—	9.	32.5	82.6
3.	29.0	73.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	32.0	81.3	14.	31.5	80.0	16.	36.0	91.4
11.	30.5	77.5	13.	34.5	87.6	15.	33.5	85.1	17.	31.5	80.0

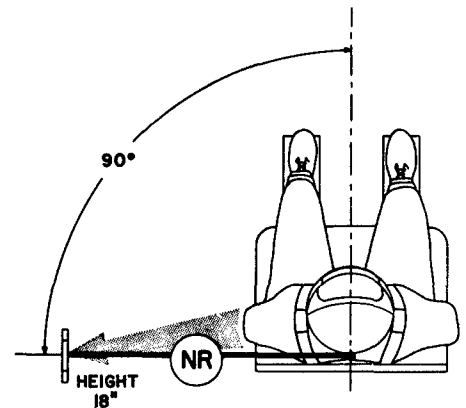
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
f

ed 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

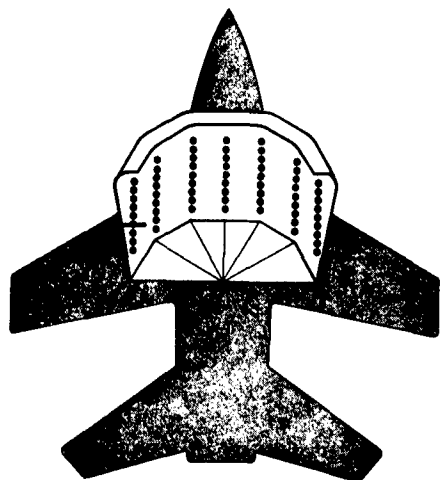
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	28.5	72.4	4.	31.0	78.7	6.	—	—	8.	32.5	82.6
2.	—	—	5.	28.0	71.1	7.	—	—	9.	33.5	85.1
3.	30.0	76.2									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	32.5	82.6	14.	33.0	83.8	16.	35.0	88.9
11.	31.5	80.0	13.	32.5	82.6	15.	34.0	86.4	17.	31.0	78.7

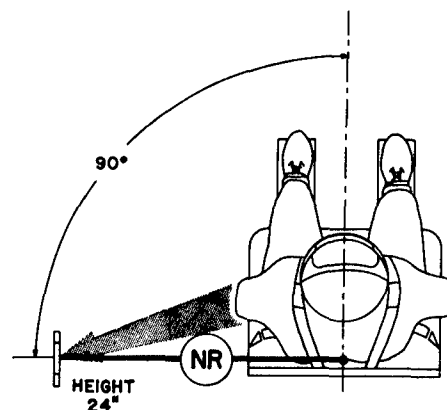
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

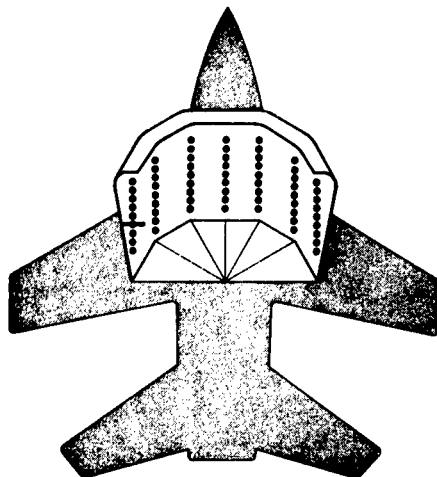
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	32.5	82.6	4.	33.0	83.8	6.	29.5	74.9	8.	32.5	82.6
2.	—	—	5.	31.5	80.0	7.	—	—	9.	35.0	88.9
3.	32.5	82.6									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	33.0	83.8	14.	35.0	88.9	16.	37.5	95.3
11.	31.0	78.7	13.	36.5	92.7	15.	36.0	91.4	17.	32.0	81.3

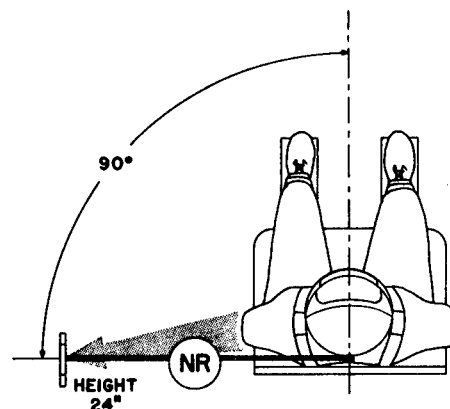
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate ...
LEFT ...
f

... 90° to the
... must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

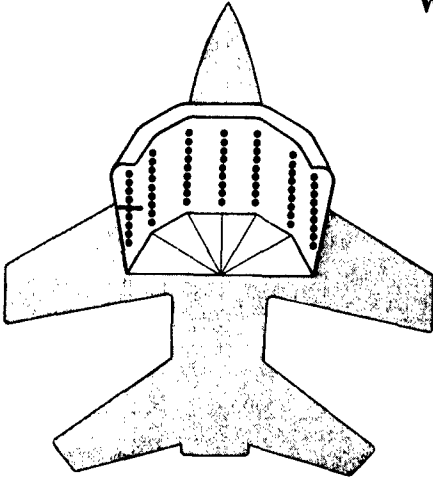
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	31.0	78.7	4.	33.0	83.8	6.	—	—	8.	34.5	87.6
2.	—	—	5.	31.0	78.7	7.	—	—	9.	36.0	91.4
3.	33.0	83.8									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	33.5	85.1	14.	35.5	90.2	16.	37.5	95.3
11.	—	—	13.	34.0	86.4	15.	35.5	90.2	17.	31.5	80.0

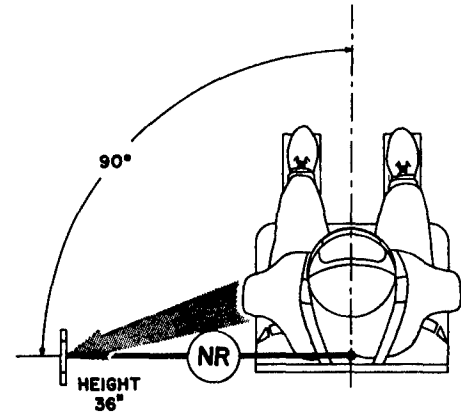
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate ... 90° to the
LEFT ... must be placed no
f

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

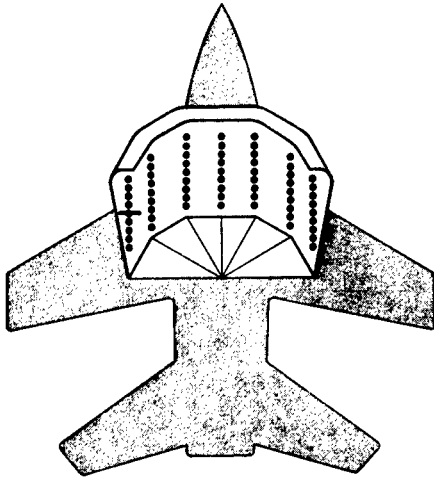
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.0	73.7	4.	—	—	6.	—	—	8.	31.5	80.0
2.	—	—	5.	31.5	80.0	7.	—	—	9.	34.5	87.6
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	32.0	81.3	14.	—	—	16.	34.0	86.4
11.	—	—	13.	33.5	85.1	15.	—	—	17.	—	—

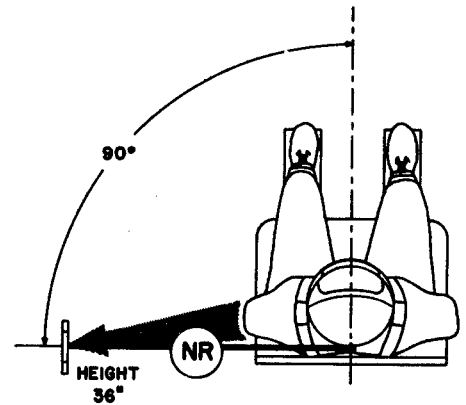
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

used 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

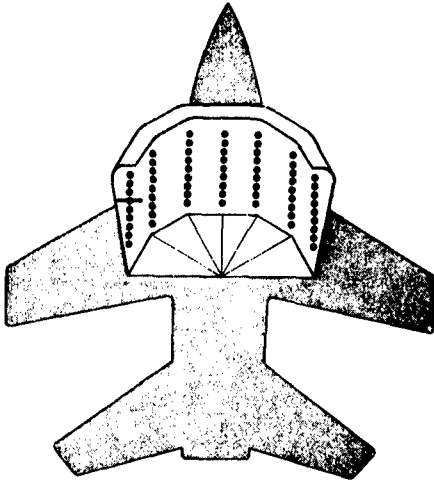
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	31.0	78.7	4.	—	—	6.	—	—	8.	32.5	82.6
2.	—	—	5.	30.0	76.2	7.	—	—	9.	34.0	86.4
3.	20.0	50.8									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	31.5	80.0	14.	—	—	16.	33.5	85.1
11.	—	—	13.	34.0	86.4	15.	33.0	83.8	17.	—	—

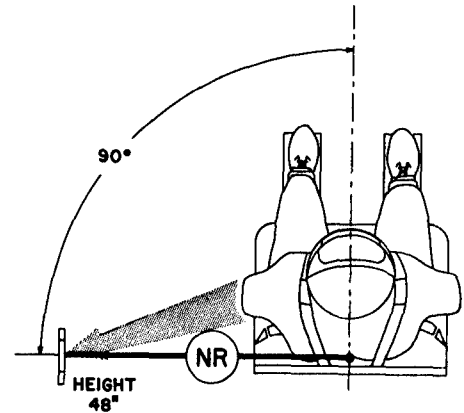
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L90°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
from

turned 90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

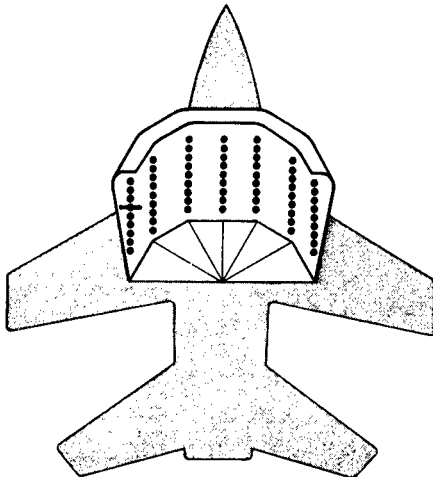
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	22.0	55.9
11.	—	—	13.	—	—	15.	—	—	17.	—	—

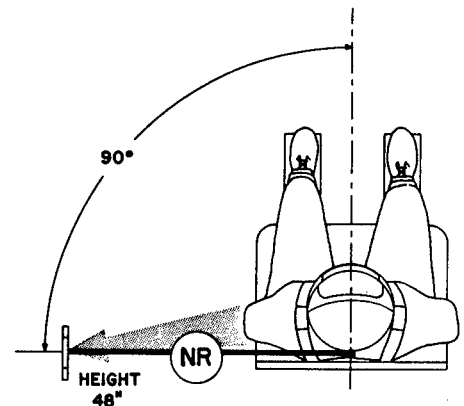
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L90°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
f

90° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

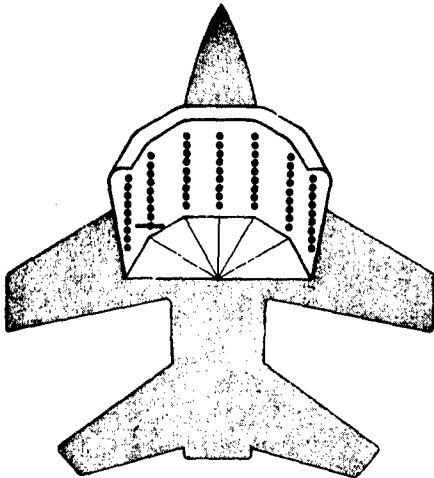
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	—	—	14.	—	—	16.	22.0	55.9
11.	—	—	13.	33.5	85.1	15.	24.0	61.0	17.	—	—

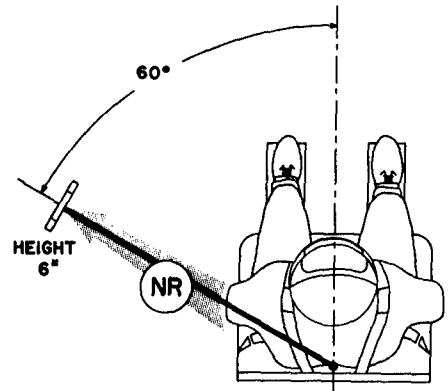
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

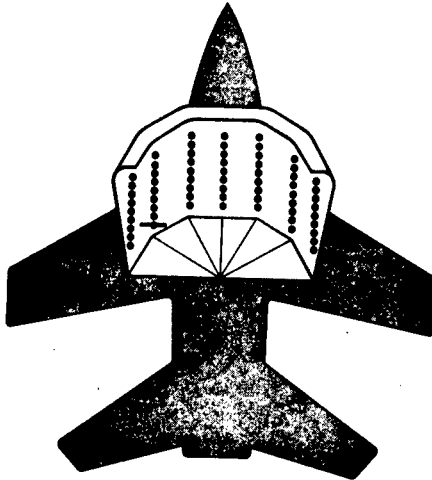
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	23.5	59.7	6.	—	—	8	23.5	59.7
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	24.5	62.2	14.	—	—	16.	26.0	66.0
11.	24.5	62.2	14.	25.0	63.5	15.	26.5	67.3	17.	21.5	54.6

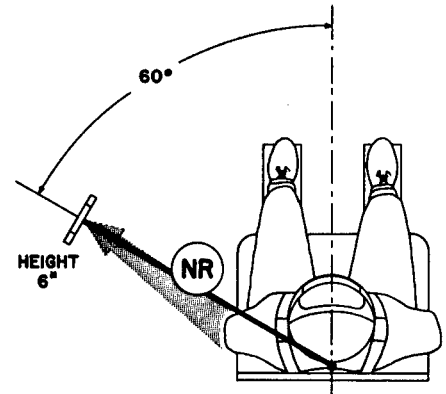
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

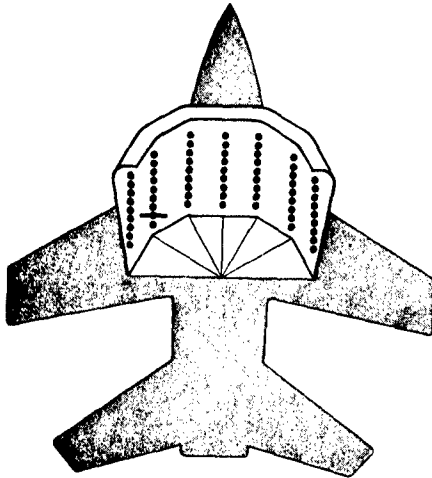
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	—	4.	23.5	59.7	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	22.0	55.9
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	—	—	14.	—	—	16.	31.5	80.0
11.	26.0	66.0	13.	21.0	53.3	15.	23.0	58.4	17.	20.0	50.8

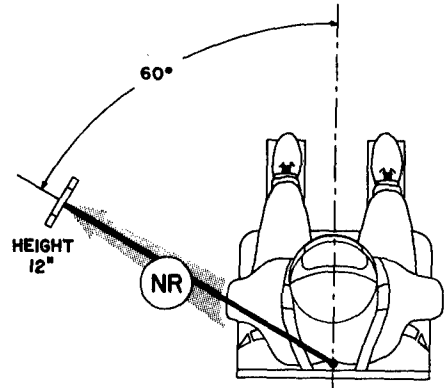
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

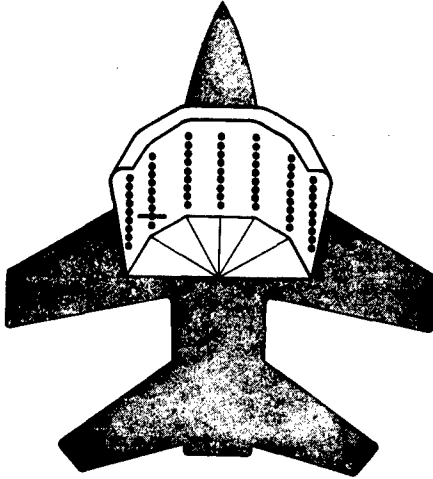
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	25.5	64.8	4.	27.5	69.9	6.	—	—	8.	30.0	76.2
2.	24.0	61.0	5.	28.5	72.4	7.	—	—	9.	30.5	77.5
3.	28.0	71.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	28.0	71.1	12.	29.5	74.9	14.	28.5	72.4	16.	32.0	81.3
11.	31.0	78.7	13.	31.0	78.7	15.	32.0	81.3	17.	29.0	73.7

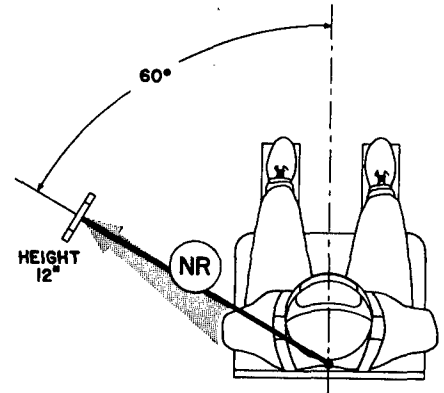
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT HAND
f

60° to the
must be placed no

NOT RECOMMENDED

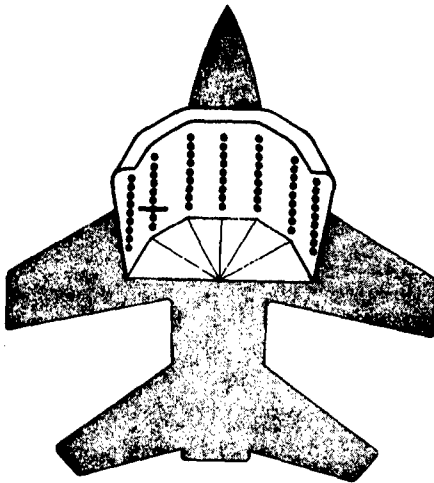
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
	1.	25.0	63.5	4.	28.5	72.4	6.	—	—	8.	28.0	71.1
	2.	23.0	58.4	5.	24.5	62.2	7.	—	—	9.	30.0	76.2
	3.	27.0	68.6									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
	10.	27.0	68.6	12.	19.0	48.3	14.	27.5	69.9	16.	34.0	86.4
	11.	30.5	77.5	13.	28.0	71.1	15.	32.0	81.3	17.	28.5	72.4

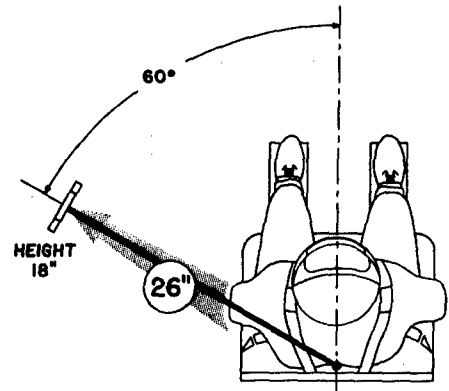
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 26" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

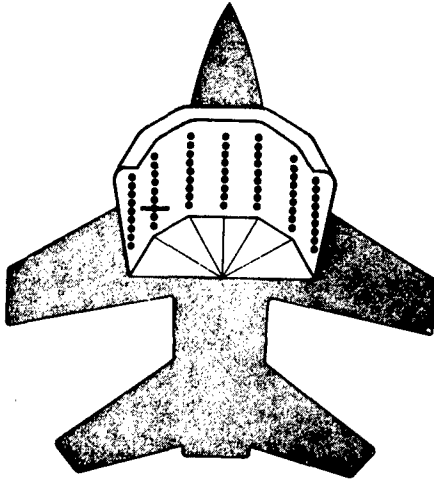
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	29.5	74.9	4.	31.0	78.7	6.	26.5	67.3	8.	33.0	83.8
2.	28.5	72.4	5.	30.5	77.5	7.	30.0	76.2	9.	34.5	87.6
3.	30.5	77.5									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7	12.	33.0	83.8	14.	33.0	83.8	16.	35.5	90.2
11.	33.5	85.1	13.	34.5	87.6	15.	34.5	87.6	17.	33.0	83.8

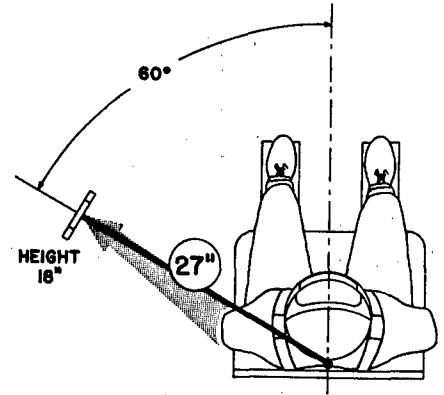
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

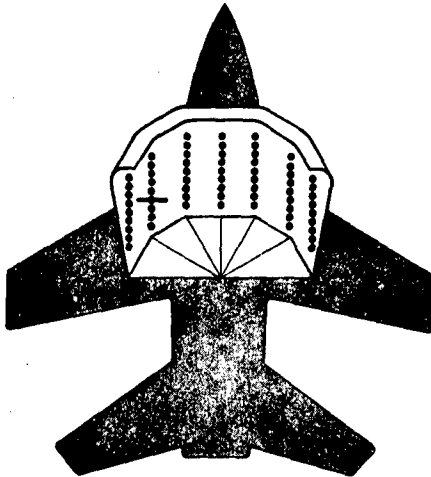
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	29.5	74.9	4.	32.0	81.3	6.	27.0	68.6	8.	32.0	81.3
2.	29.0	73.7	5.	29.0	73.7	7.	30.0	76.2	9.	33.5	85.1
3.	31.5	80.0									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	32.0	81.3	12.	27.0	68.6	14.	32.5	82.6	16.	37.5	95.3
11.	33.0	83.8	13.	31.0	78.7	15.	35.0	88.9	17.	33.0	83.8

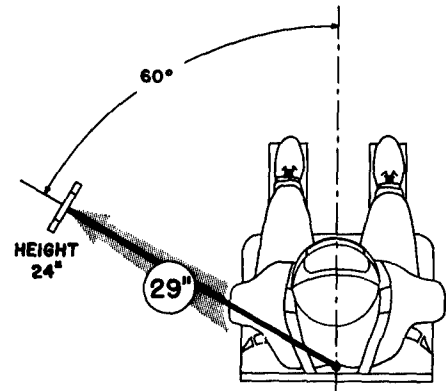
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

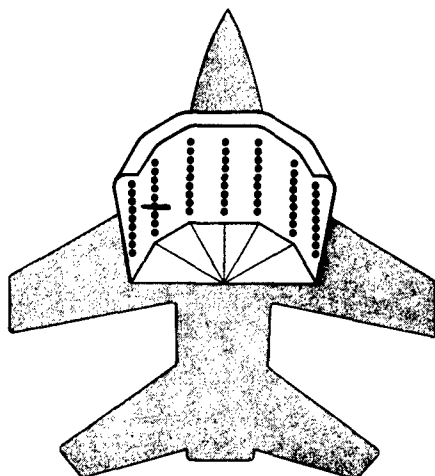
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.0	83.8	4.	33.0	83.8	6.	29.5	74.9	8.	34.5	87.6
2.	30.5	77.5	5.	33.0	83.8	7.	32.0	81.3	9.	36.5	92.7
3.	33.5	85.1									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	33.0	83.8	12.	36.0	91.4	14.	36.0	91.4	16.	38.0	96.5
11.	36.0	91.4	13.	36.5	92.7	15.	37.0	94.0	17.	35.0	88.9

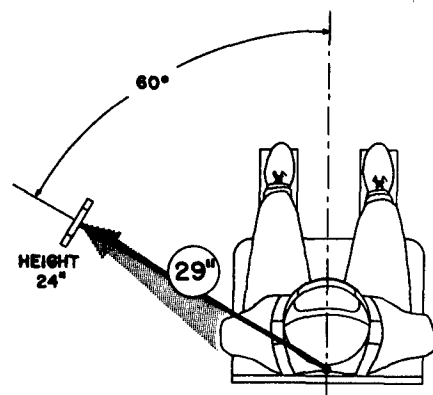
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

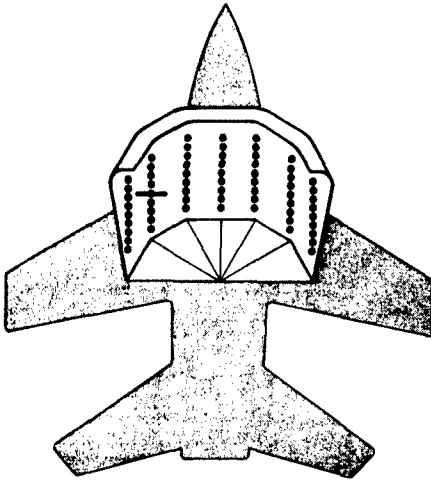
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	31.5	80.0	4.	33.5	85.1	6.	29.0	73.7	8.	35.0	88.9
2.	31.0	78.7	5.	32.0	81.3	7.	32.0	81.3	9.	35.5	90.2
3.	33.0	83.8									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	32.5	82.6	12.	33.5	85.1	14.	34.5	87.6	16.	34.0	86.4
11.	32.0	81.3	13.	33.0	83.8	15.	37.0	94.0	17.	35.0	88.9

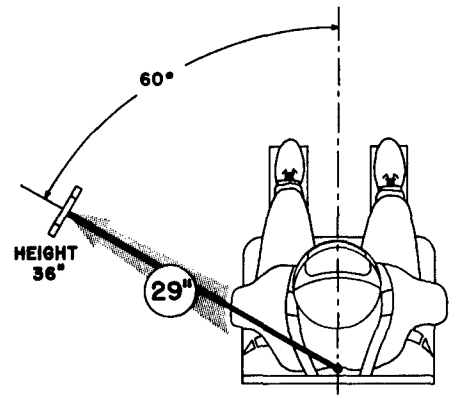
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

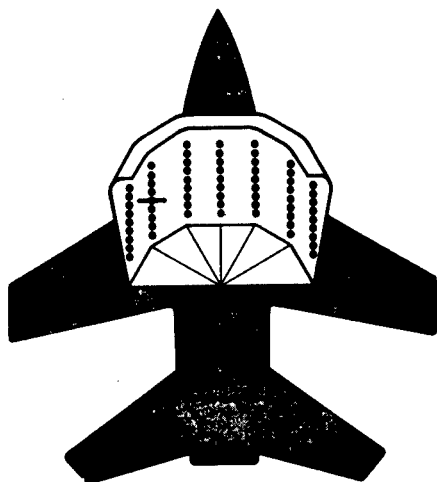
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	33.5	85.1	4.	32.0	81.3	6.	29.5	74.9	8.	33.5	85.1
2.	31.0	78.7	5.	34.0	86.4	7.	32.0	81.3	9.	35.5	90.2
3.	34.0	86.4									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.0	81.3	12.	36.0	91.4	14.	36.0	91.4	16.	36.0	91.4
11.	34.0	86.4	13.	37.0	94.0	15.	37.0	94.0	17.	35.5	90.2

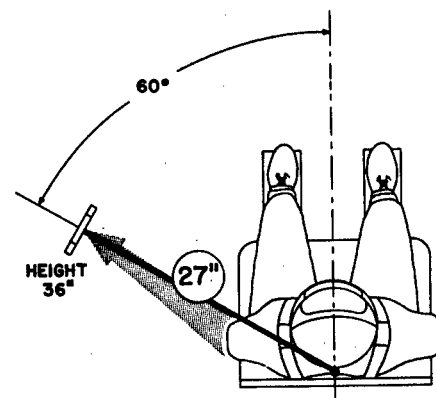
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 60° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 27" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

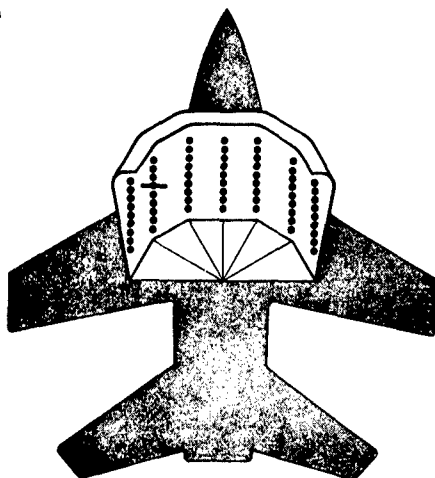
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	32.0	81.3	4.	32.0	81.3	6.	27.0	68.6	8.	34.0	86.4
2.	29.0	73.7	5.	32.0	81.3	7.	33.0	83.8	9.	36.0	91.4
3.	34.5	87.6									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	33.0	83.8	12.	33.0	83.8	14.	36.0	91.4	16.	34.0	86.4
11.	30.5	77.5	13.	32.0	81.3	15.	36.5	92.7	17.	34.5	87.6

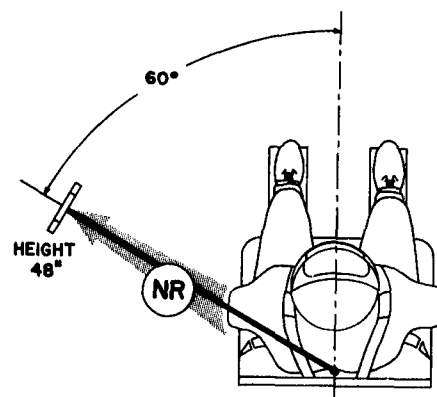
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L60°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate ...
LEFT ...
f

... 60° to the
... must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

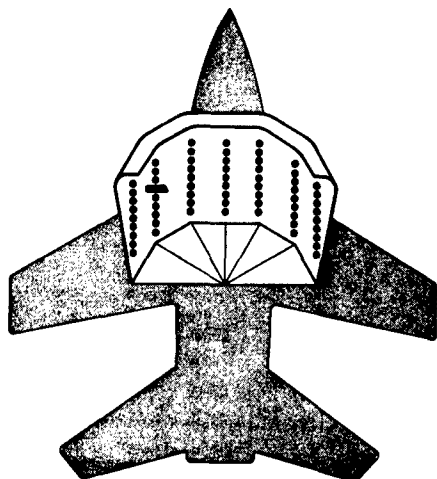
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	23.5	59.7	4.	—	—	6.	22.5	57.2	8.	23.0	58.4
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	27.0	68.6									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	29.5	74.9	16.	24.5	62.2
11.	—	—	13.	27.5	69.9	15.	—	—	17.	25.5	64.8

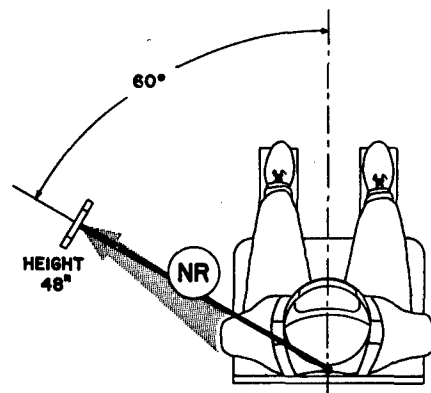
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L60°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

used 60° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

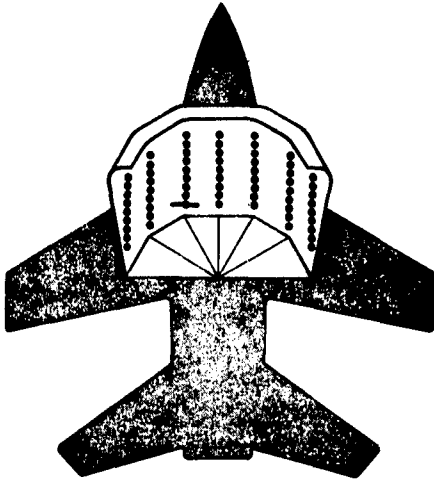
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	25.0	63.5
2.	—	—	5.	—	—	7.	—	—	9.	29.0	73.7
3.	25.5	64.8									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	25.5	64.8	14.	28.0	71.1	16.	27.5	69.9
11.	—	—	13.	26.0	66.0	15.	—	—	17.	25.0	63.5

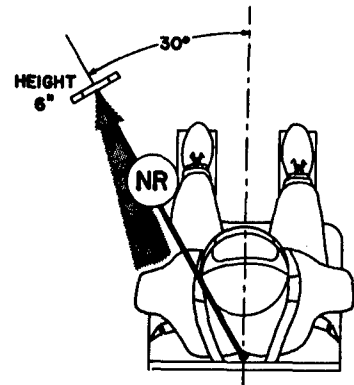
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate...
LEFT...
f...

...30° to the
... must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

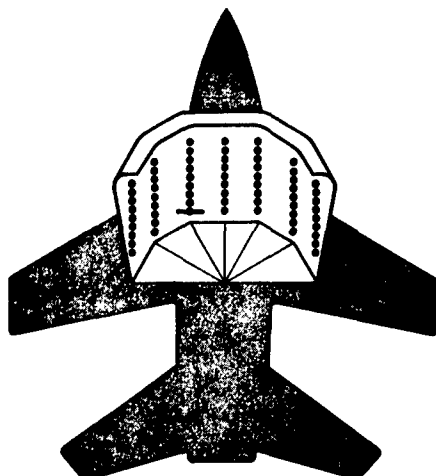
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	22.5	57.2	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

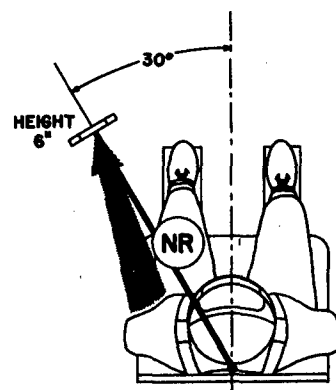
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

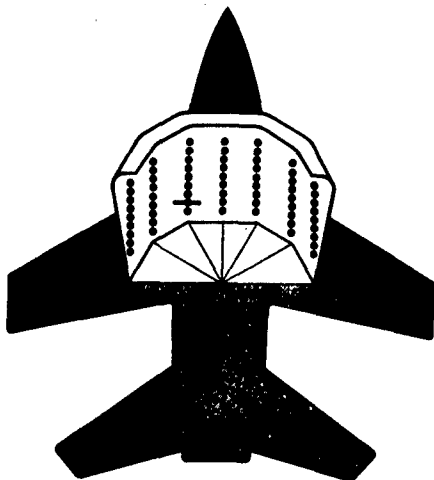
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	25.0	63.5
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

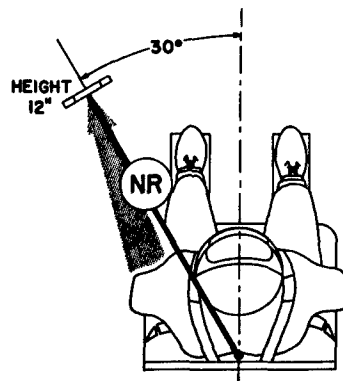
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

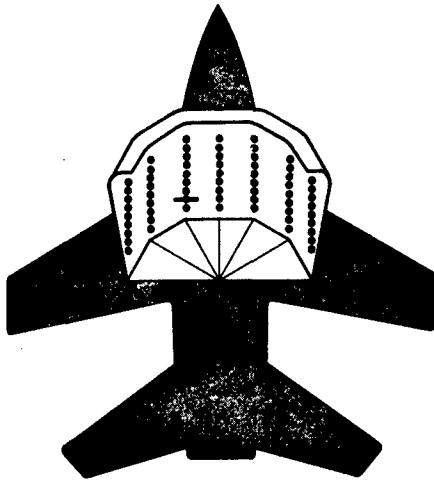
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	23.0	58.4	4.	28.0	71.1	6.	—	—	8.	26.5	67.3
2.	24.0	61.0	5.	25.5	64.8	7.	—	—	9.	27.5	69.9
3.	24.0	61.0									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	27.0	68.6	12.	27.0	68.6	14.	26.5	67.3	16.	25.5	64.8
11.	26.0	66.0	13.	26.5	67.3	15.	28.0	71.1	17.	27.5	69.9

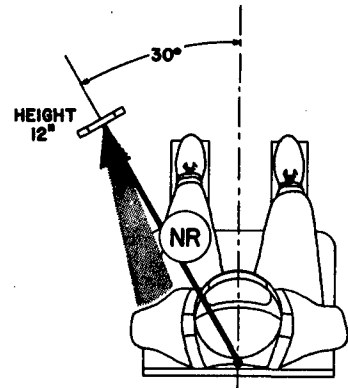
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT hand
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

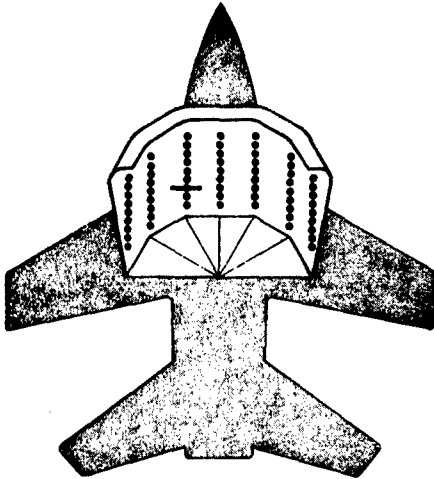
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	26.0	66.0	6.	—	—	8.	29.0	73.7
2.	—	—	5.	22.5	57.2	7.	—	—	9.	24.5	62.2
3.	24.0	61.0									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	26.0	66.0	12.	25.0	63.5	14.	—	—	16.	29.0	73.7
11.	25.0	63.5	13.	—	—	15.	29.0	73.7	17.	26.5	67.3

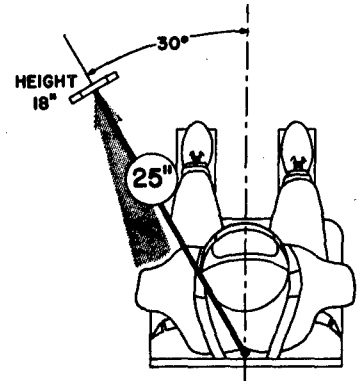
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

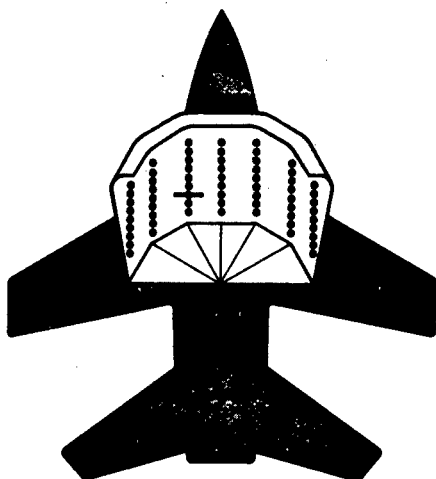
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	27.5	69.9	4.	31.0	78.7	6.	25.0	63.5	8.	28.0	71.1
2.	26.5	67.3	5.	30.0	76.2	7.	27.0	68.6	9.	32.0	81.3
3.	29.0	73.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	30.5	77.5	12.	30.5	77.5	14.	29.5	74.9	16.	29.0	73.7
11.	28.5	72.4	13.	29.0	73.7	15.	32.0	81.3	17.	32.0	81.3

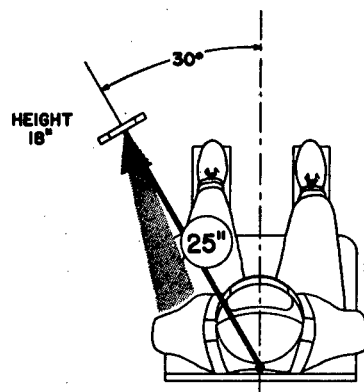
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 18" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

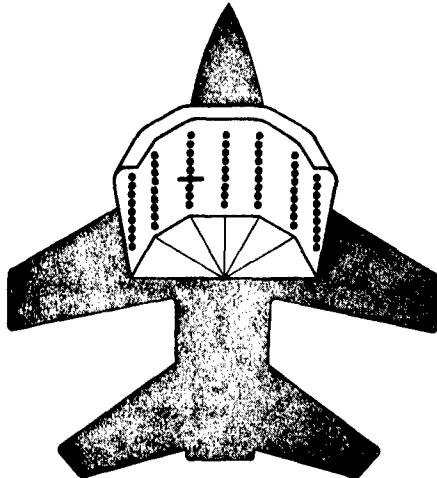
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	25.5	64.8	4.	29.0	73.7	6.	—	—	8.	31.0	78.7
2.	25.5	64.8	5.	27.0	68.6	7.	28.5	72.4	9.	28.5	72.4
3.	28.0	71.1									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	30.0	76.2	12.	28.0	71.1	14.	28.5	72.4	16.	30.5	77.5
11.	29.0	73.7	13.	27.5	69.9	15.	29.0	73.7	17.	30.0	76.2

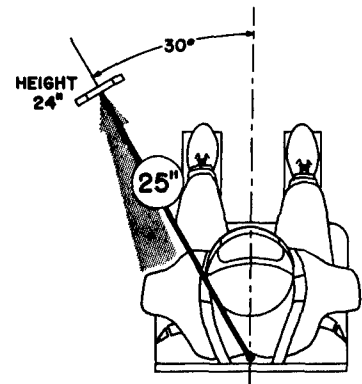
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

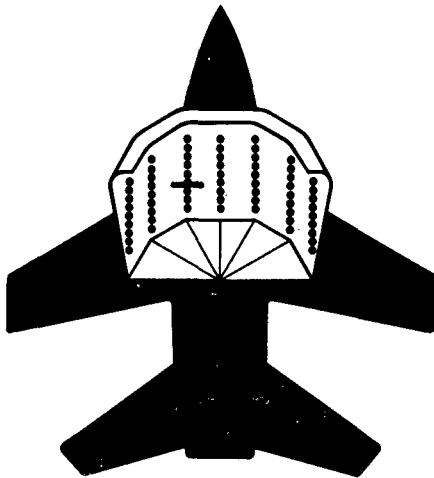
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.0	76.2	4.	33.0	83.8	6.	25.0	63.5	8.	31.5	80.0
2.	29.5	74.9	5.	32.0	81.3	7.	30.0	76.2	9.	33.0	83.8
3.	31.5	80.0									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.5	82.6	12.	32.0	81.3	14.	32.5	86.2	16.	29.5	74.9
11.	31.5	80.0	13.	32.5	82.6	15.	33.5	85.1	17.	33.5	85.1

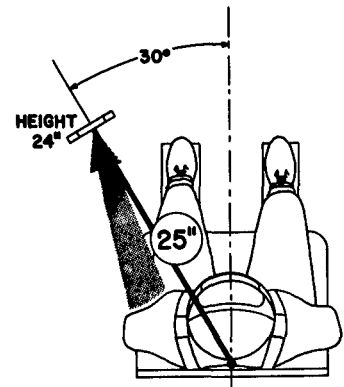
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 24" above the deck the knob must be placed no further than 25" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

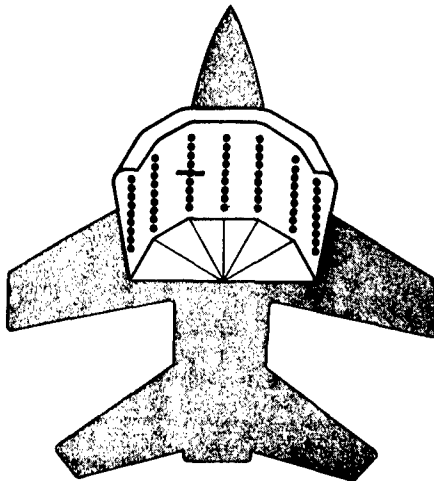
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	28.0	71.1	4.	31.0	78.7	6.	25.0	63.5	8.	30.5	77.5
2.	28.5	72.4	5.	29.5	74.9	7.	30.5	77.5	9.	31.0	78.7
3.	31.0	78.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	32.0	81.3	12.	30.5	77.5	14.	31.5	80.0	16.	31.0	78.7
11.	30.0	76.2	13.	29.0	73.7	15.	31.5	80.0	17.	32.0	81.3

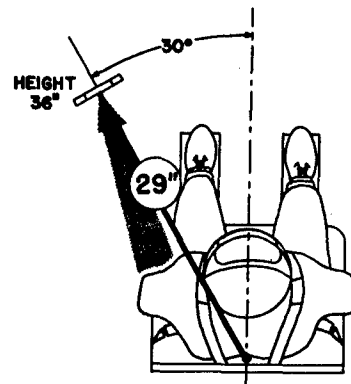
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 29" from XSRP.

SUBJECT REACH DATA

SUIT SIZE

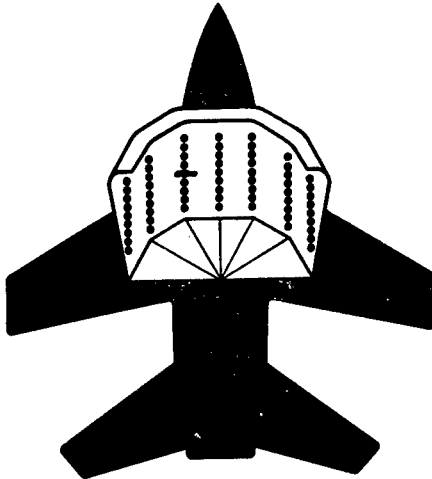
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	30.5	77.5	4.	31.0	78.7	6.	30.0	76.2	8.	33.0	83.8
2.	29.5	74.9	5.	32.0	81.3	7.	31.0	78.7	9.	32.5	82.6
3.	32.0	81.3									

SUIT SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	31.0	78.7	12.	32.5	82.6	14.	33.0	83.8	16.	29.5	74.9
11.	31.5	80.0	13.	33.0	83.8	15.	33.5	85.1	17.	34.0	86.4

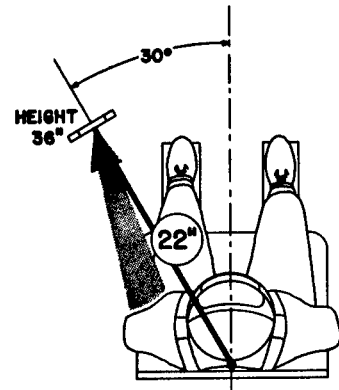
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the **LEFT** hand a rotary knob located 30° to the **LEFT** of center and 36" above the deck the knob must be placed no further than 22" from XSRP.

SUBJECT REACH DATA

SUIT
SIZE

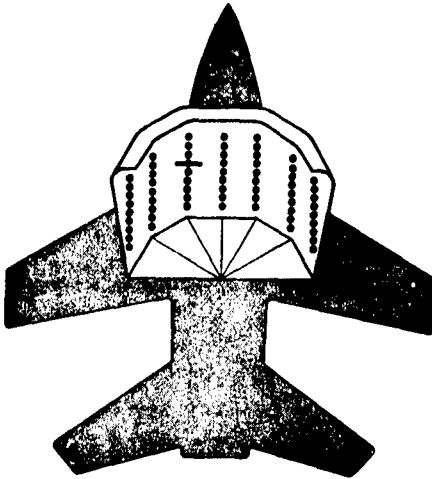
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	28.5	72.4	4.	29.5	74.9	6.	25.0	63.5	8.	22.0	55.9
2.	27.5	69.9	5.	30.5	77.5	7.	30.5	77.5	9.	31.0	78.7
3.	32.0	81.3									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	31.5	80.0	12.	30.0	76.2	14.	33.0	83.8	16.	31.0	78.7
11.	31.0	78.7	13.	29.5	74.9	15.	31.5	80.0	17.	32.0	81.3

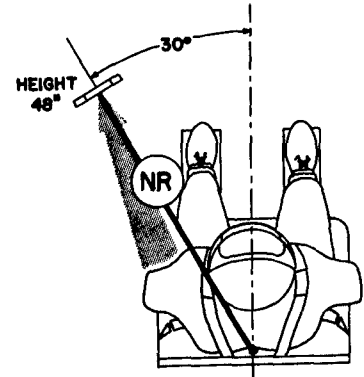
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
LEFT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

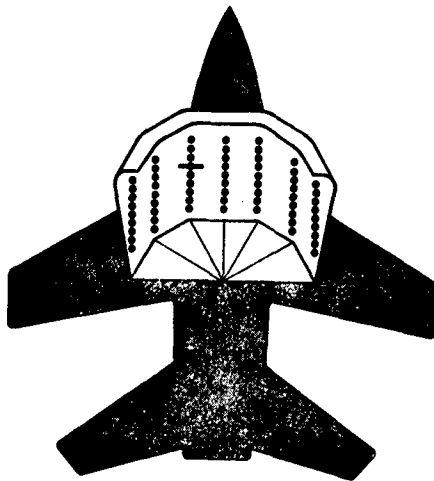
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	22.0	55.9	8.	27.0	68.6
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	21.5	54.6									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	26.0	66.0	16.	—	—
11.	—	—	13.	23.0	58.4	15.	—	—	17.	25.0	63.5

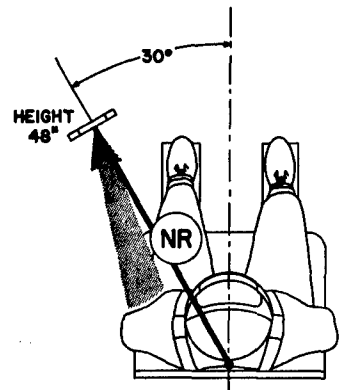
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—L30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
LEFT of
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

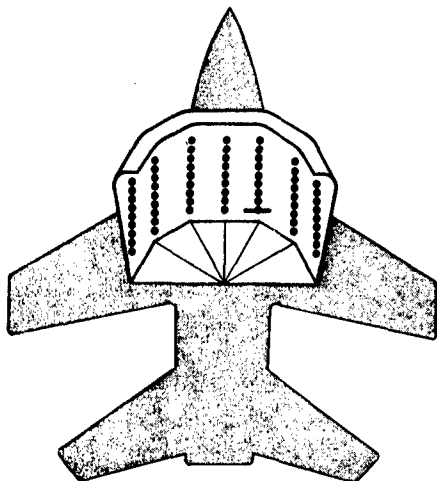
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	22.0	55.9	7.	—	—	9.	21.5	54.6
3.	23.5	59.7									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	24.0	61.0	14.	22.0	55.9	16.	24.0	61.0
11.	—	—	13.	24.0	61.0	15.	—	—	17.	21.5	54.6

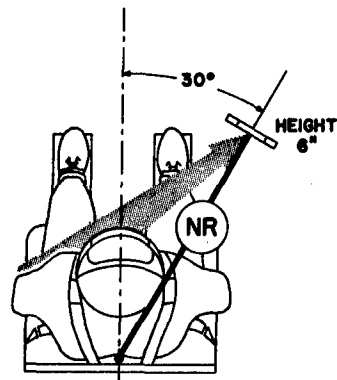
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

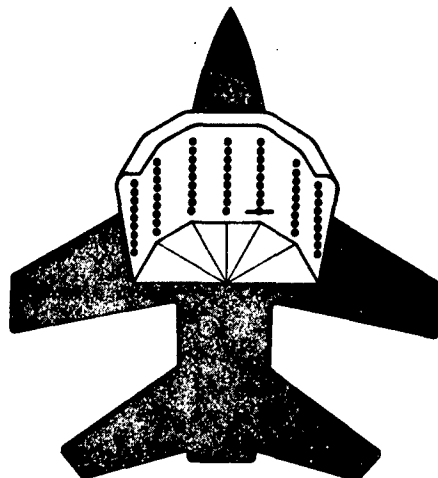
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

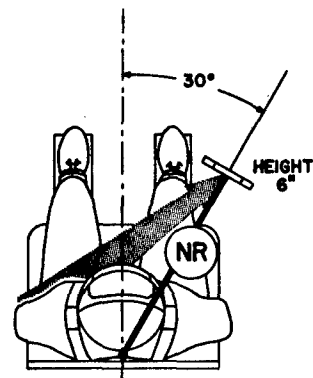
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—6"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

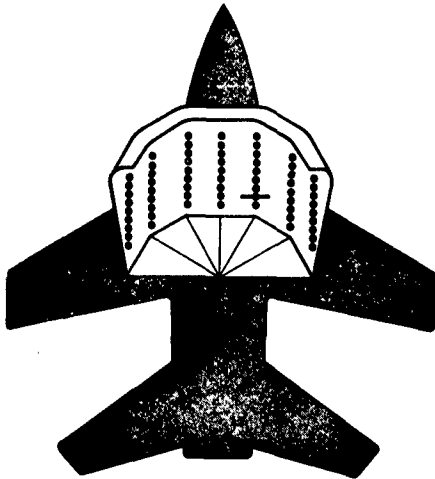
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

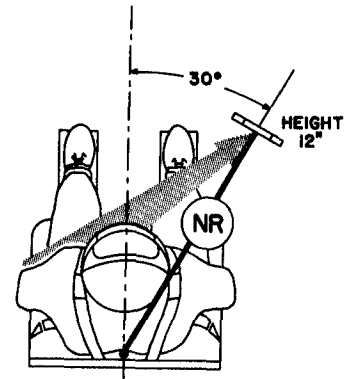
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate ...
RIGHT ...
f ...

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

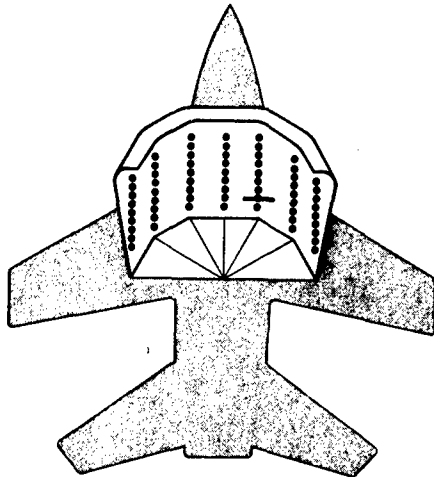
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

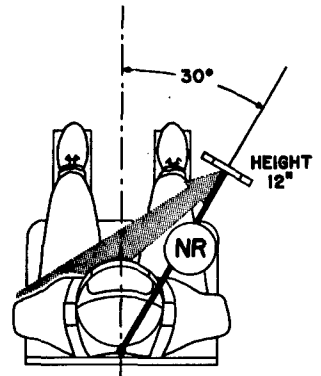
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—12"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with right hand 30° to the right must be placed no

NOT RECOMMENDED

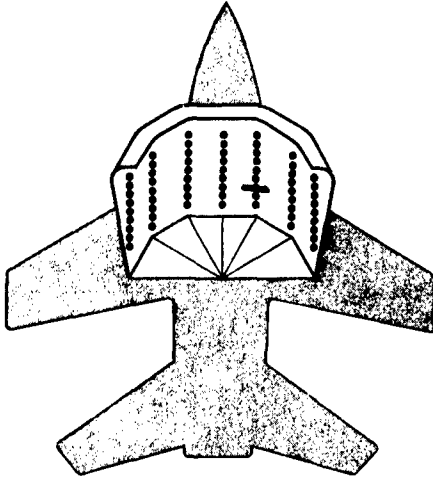
SUBJECT REACH DATA

SUIT SIZE	SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	1.	—	—	4.	—	—	6.	—	—	8.	—	—
	2.	—	—	5.	—	—	7.	—	—	9.	—	—
	3.	—	—									

SUIT SIZE	LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
	10.	—	—	12.	—	—	14.	—	—	16.	—	—
	11.	—	—	13.	—	—	15.	—	—	17.	—	—

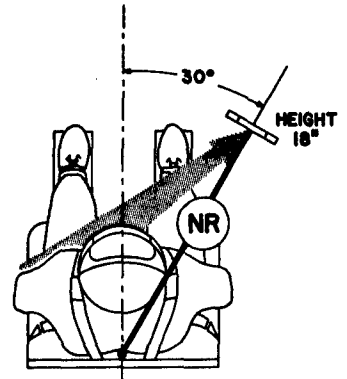
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT HAND
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

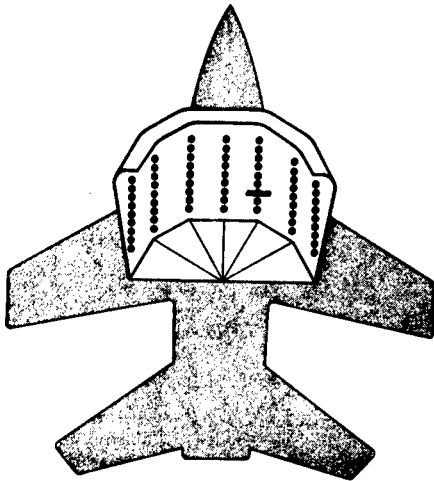
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2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

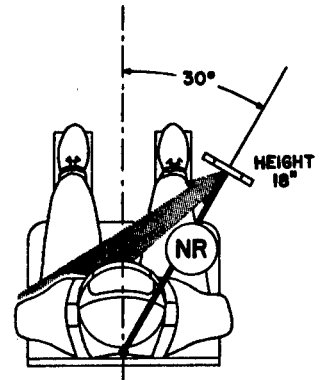
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—18"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with the right hand, the knob must be placed no more than 30° to the right of the centerline.

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

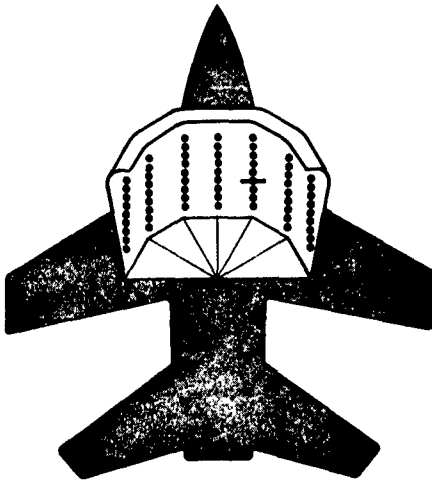
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	19.0	48.3	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

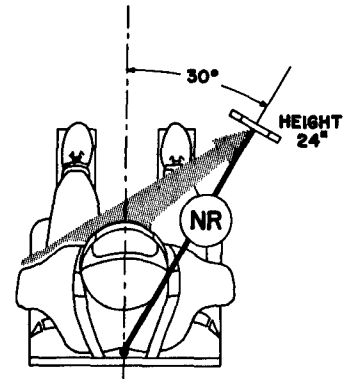
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

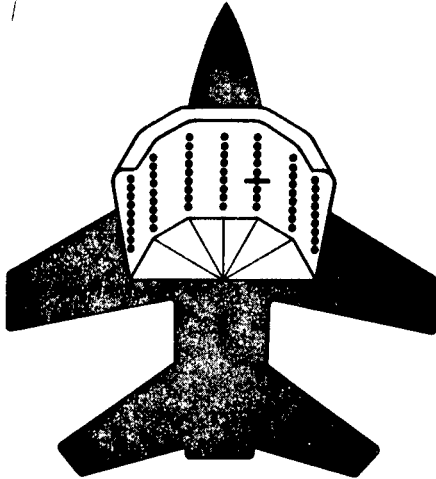
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	21.0	53.3	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

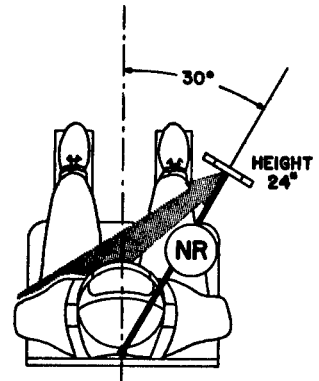
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—24"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

tilted 30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

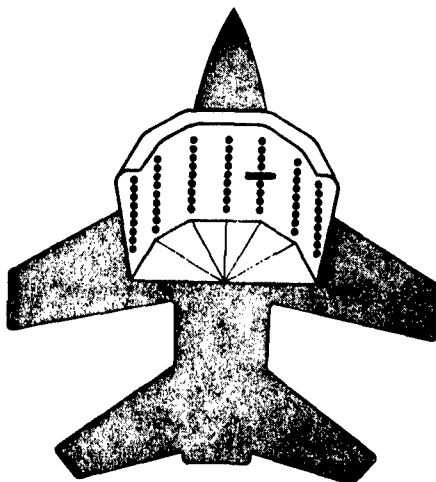
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	19.0	48.3	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	20.0	50.8	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

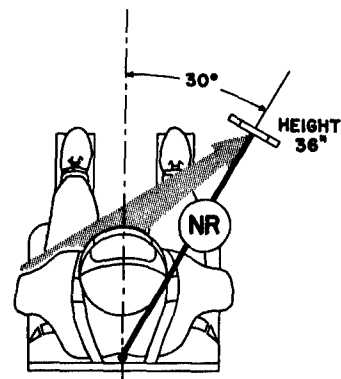
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

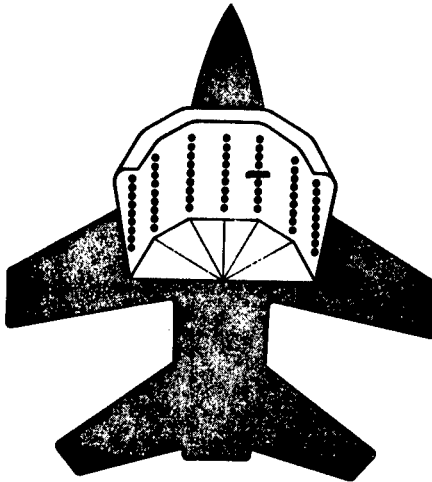
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>	<i>S</i>	<i>in.</i>	<i>cm</i>
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

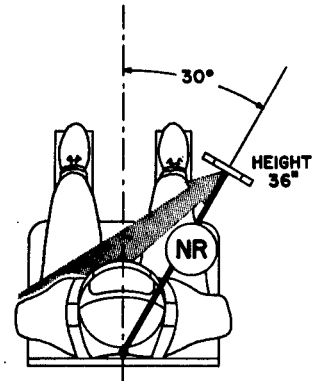
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—36"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate with
RIGHT hand
f

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

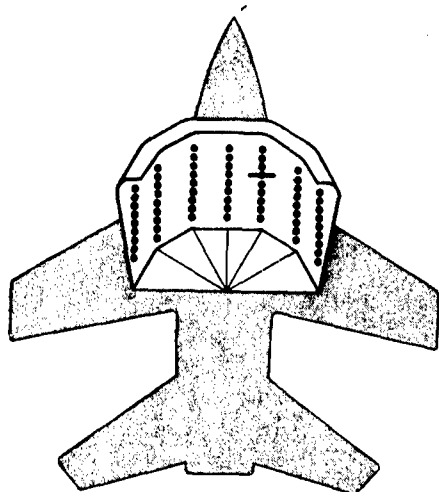
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

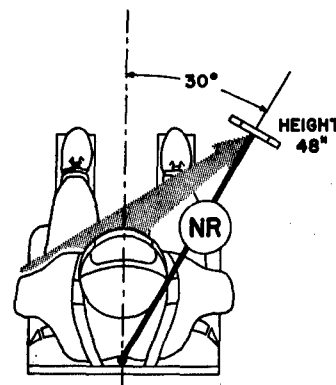
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS UNLOCKED

DESIGN CRITERIA

To manipulate with
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

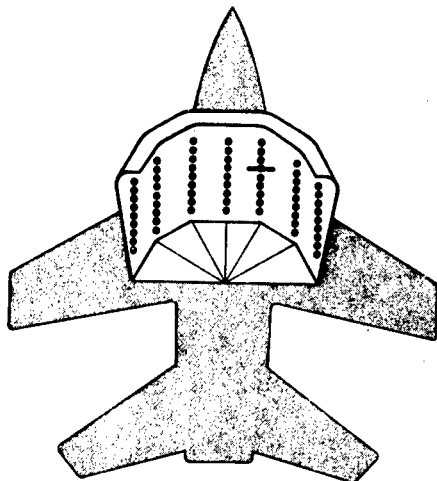
SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

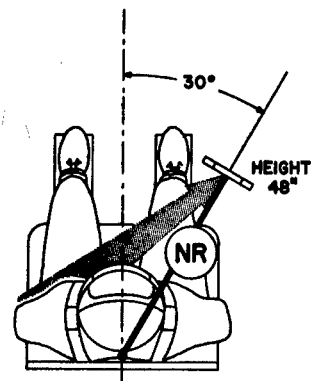
FULL PRESSURE SUIT INFLATED

WITH ACCESSORY EQUIPMENT



Seated Eye Height
From Deck—39.50"

Height of Knob Above Deck—48"
Angle From Centerline—R30°



SHOULDER HARNESS LOCKED

DESIGN CRITERIA

To manipulate
RIGHT
f

30° to the
must be placed no

NOT RECOMMENDED

SUBJECT REACH DATA

SUIT
SIZE

SMALL REGULAR			SMALL LONG			MEDIUM REGULAR			MEDIUM LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
1.	—	—	4.	—	—	6.	—	—	8.	—	—
2.	—	—	5.	—	—	7.	—	—	9.	—	—
3.	—	—									

SUIT
SIZE

LARGE REGULAR			LARGE LONG			X-LARGE REGULAR			X-LARGE LONG		
S	in.	cm	S	in.	cm	S	in.	cm	S	in.	cm
10.	—	—	12.	—	—	14.	—	—	16.	—	—
11.	—	—	13.	—	—	15.	—	—	17.	—	—

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1. ORIGINATING ACTIVITY (Corporate author) Aerospace Medical Research Laboratory, Aerospace Medical Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio 45433		2a. REPORT SECURITY CLASSIFICATION UNCLASSIFIED	
3. REPORT TITLE PLACEMENT OF AIRCRAFT CONTROLS		2b. GROUP	
4. DESCRIPTIVE NOTES (Type of report and inclusive dates)			
5. AUTHOR(S) (First name, middle initial, last name) John W. Garrett Milton Alexander Chester W. Matthews			
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d.			
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11. SUPPLEMENTARY NOTES		12. SPONSORING MILITARY ACTIVITY Aerospace Medical Research Laboratory Aerospace Medical Division, Air Force Systems Command, Wright-Patterson AFB, OH	
13. ABSTRACT Data are presented to guide the designer in placing aircraft controls to be operated by lightly clothed or pressure-suited aircrewmembers. The capabilities of 17 subjects wearing various combinations of personal equipment to reach 81 locations within a 180° arc for- ward of Seat Reference Point were determined. Each subject was tested while wearing personal equipment, consisting of an underarm life preserver, parachute harness and, successively, a K2B flight coverall, an uninflated, and an inflated A/P22S-2 Full- Pressure Suit. The subjects sat in a seat configured to approximate Air Force specifi- cations. During the tests they were restrained in the seat by a lap belt and shoulder straps with the inertial reel locked and again with the inertial reel unlocked. Pictorial descriptions of the dimensions, the reach capabilities of each subject, and recom- mended design values are presented.			

14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Workspace Controls Arm reach Cockpits Aircraft design Anthropometry						