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APPENDICES
TO VOLUME I
TECHNICAL REPORT
(A007)

All Source Analysis System (ASAS)
Block I
Abbreviated HARDMAN Analysis
(Delivery Order Number 0041)

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Appendix A

TSE WCG Maintenance Data

THE VCG Maintenance Data

		ANTITOXICITY WCG										COMPUTER MICROVAX II										MONITOR GRAPHICS FLUORE										FOURIER ALPLY										PRINTED APP										KEYBOARD										MOUSE										DISK DRIVE DISK PACO										OPTICAL DISK DRIVE										TOTAL AMNH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Appendix B

TSE DPS Maintenance Data

TSE DPO Maintenance Data

		QTY		27J	28A	31V	33T	32C	32D	33B	32J	33H	33D	34B	34E	34H	34T	34G	34C	34D	34F	34I	34J	34K	34L	34M	34N	34O	34P	34Q	34R	34S	34T	34U	34V	34W	34X	34Y	34Z	34AA	34AB	34AC	34AD	34AE	34AF	34AG	34AH	34AI	34AJ	34AK	34AL	34AM	34AN	34AO	34AP	34AQ	34AR	34AS	34AT	34AU	34AV	34AW	34AX	34AY	34AZ	34BA	34BB	34BC	34BD	34BE	34BF	34BG	34BH	34BI	34BJ	34BK	34BL	34BM	34BN	34BO	34BP	34BQ	34BR	34BS	34BT	34BU	34BV	34BW	34BX	34BY	34BZ	34CA	34CB	34CC	34CD	34CE	34CF	34CG	34CH	34CI	34CJ	34CK	34CL	34CM	34CN	34CO	34CP	34CQ	34CR	34CS	34CT	34CU	34CV	34CW	34CX	34CY	34CZ	34DA	34DB	34DC	34DD	34DE	34DF	34DG	34DH	34DI	34DJ	34DK	34DL	34DM	34DN	34DO	34DP	34DQ	34DR	34DS	34DT	34DU	34DV	34DW	34DX	34DY	34DZ	34EA	34EB	34EC	34ED	34EE	34EF	34EG	34EH	34EI	34EJ	34EK	34EL	34EM	34EN	34EO	34EP	34EQ	34ER	34ES	34ET	34EU	34EV	34EW	34EX	34EY	34EZ	34FA	34FB	34FC	34FD	34FE	34FF	34FG	34FH	34FI	34FJ	34FK	34FL	34FM	34FN	34FO	34FP	34FQ	34FR	34FS	34FT	34FU	34FV	34FW	34FX	34FY	34FZ	34GA	34GB	34GC	34GD	34GE	34GF	34GG	34GH	34GI	34GJ	34GK	34GL	34GM	34GN	34GO	34GP	34GQ	34GR	34GS	34GT	34GU	34GV	34GW	34GX	34GY	34GZ	34HA	34HB	34HC	34HD	34HE	34HF	34HG	34HH	34HI	34HJ	34HK	34HL	34HM	34HN	34HO	34HP	34HQ	34HR	34HS	34HT	34HU	34HV	34HW	34HX	34HY	34HZ	34IA	34IB	34IC	34ID	34IE	34IF	34IG	34IH	34II	34IJ	34IK	34IL	34IM	34IN	34IO	34IP	34IQ	34IR	34IS	34IT	34IU	34IV	34IW	34IX	34IY	34IZ	34JA	34JB	34JC	34JD	34JE	34JF	34JG	34JH	34JI	34JJ	34JK	34JL	34JM	34JN	34JO	34JP	34JQ	34JR	34JS	34JT	34JU	34JV	34JW	34JX	34JY	34JZ	34KA	34KB	34KC	34KD	34KE	34KF	34KG	34KH	34KI	34KJ	34KL	34KM	34KN	34KO	34KP	34KQ	34KR	34KS	34KT	34KU	34KV	34KW	34KX	34KY	34KZ	34LA	34LB	34LC	34LD	34LE	34LF	34LG	34LH	34LI	34LJ	34LK	34LL	34LM	34LN	34LO	34LP	34LQ	34LR	34LS	34LT	34LU	34LV	34LW	34LX	34LY	34LZ	34MA	34MB	34MC	34MD	34ME	34MF	34MG	34MH	34MI	34MJ	34MK	34ML	34MM	34MN	34MO	34MP	34MQ	34MR	34MS	34MT	34MU	34MV	34MW	34MX	34MY	34MZ	34NA	34NB	34NC	34ND	34NE	34NF	34NG	34NH	34NI	34NJ	34NK	34NL	34NM	34NN	34NO	34NP	34NQ	34NR	34NS	34NT	34NU	34NV	34NW	34NX	34NY	34NZ	34OA	34OB	34OC	34OD	34OE	34OF	34OG	34OH	34OI	34OJ	34OK	34OL	34OM	34ON	34OO	34OP	34OQ	34OR	34OS	34OT	34OU	34OV	34OW	34OX	34OY	34OZ	34PA	34PB	34PC	34PD	34PE	34PF	34PG	34PH	34PI	34PJ	34PK	34PL	34PM	34PN	34PO	34PP	34PQ	34PR	34PS	34PT	34PU	34PV	34PW	34PX	34PY	34PZ	34QA	34QB	34QC	34QD	34QE	34QF	34QG	34QH	34QI	34QJ	34QK	34QL	34QM	34QN	34QO	34QP	34QQ	34QR	34QS	34QT	34QU	34QV	34QW	34QX	34QY	34QZ	34RA	34RB	34RC	34RD	34RE	34RF	34RG	34RH	34RI	34RJ	34RK	34RL	34RM	34RN	34RO	34RP	34RQ	34RR	34RS	34RT	34RU	34RV	34RW	34RX	34RY	34RZ	34SA	34SB	34SC	34SD	34SE	34SF	34SG	34SH	34SI	34SJ	34SK	34SL	34SM	34SN	34SO	34SP	34SQ	34SR	34SS	34ST	34SU	34SV	34SW	34SX	34SY	34SZ	34TA	34TB	34TC	34TD	34TE	34TF	34TG	34TH	34TI	34TJ	34TK	34TL	34TM	34TN	34TO	34TP	34TQ	34TR	34TS	34TT	34TU	34TV	34TW	34TX	34TY	34TZ	34UA	34UB	34UC	34UD	34UE	34UF	34UG	34UH	34UI	34UJ	34UK	34UL	34UM	34UN	34UO	34UP	34UQ	34UR	34US	34UT	34UU	34UV	34UW	34UX	34UY	34UZ	34VA	34VB	34VC	34VD	34VE	34VF	34VG	34VH	34VI	34VJ	34VK	34VL	34VM	34VN	34VO	34VP	34VQ	34VR	34VS	34VT	34VU	34VV	34VW	34VX	34VY	34VZ	34WA	34WB	34WC	34WD	34WE	34WF	34WG	34WH	34WI	34WJ	34WK	34WL	34WM	34WN	34WO	34WP	34WQ	34WR	34WS	34WT	34WU	34WV	34WW	34WX	34WY	34WZ	34XA	34XB	34XC	34XD	34XE	34XF	34XG	34XH	34XI	34XJ	34XK	34XL	34XM	34XN	34XO	34XP	34XQ	34XR	34XS	34XT	34XU	34XV	34XW	34XZ	34YA	34YB	34YC	34YD	34YE	34YF	34YG	34YH	34YI	34YJ	34YK	34YL	34YM	34YN	34YO	34YP	34YQ	34YR	34YS	34YT	34YU	34YV	34YW	34YZ	34ZA	34ZB	34ZC	34ZD	34ZE	34ZF	34ZG	34ZH	34ZI	34ZJ	34ZK	34ZL	34ZM	34ZN	34ZO	34ZP	34ZQ	34ZR	34ZS	34ZT	34ZU	34ZV	34ZW	34ZX	34ZY	34ZZ	35A	35B	35C	35D	35E	35F	35G	35H	35I	35J	35K	35L	35M	35N	35O	35P	35Q	35R	35S	35T	35U	35V	35W	35X	35Y	35Z	35AA	35AB	35AC	35AD	35AE	35AF	35AG	35AH	35AI	35AJ	35AK	35AL	35AM	35AN	35AO	35AP	35AQ	35AR	35AS	35AT	35AU	35AV	35AW	35AX	35AY	35AZ	35BA	35BB	35BC	35BD	35BE	35BF	35BG	35BH	35BI	35BJ	35BK	35BL	35BM	35BN	35BO	35BP	35BQ	35BR	35BS	35BT	35BU	35BV	35BW	35BX	35BY	35BZ	35CA	35CB	35CC	35CD	35CE	35CF	35CG	35CH	35CI	35CJ	35CK	35CL	35CM	35CN	35CO	35CP	35CQ	35CR	35CS	35CT	35CU	35CV	35CW	35CX	35CY	35CZ	35DA	35DB	35DC	35DD	35DE	35DF	35DG	35DH	35DI	35DJ	35DK	35DL	35DM	35DN	35DO	35DP	35DQ	35DR	35DS	35DT	35DU	35DV	35DW	35DX	35DY	35DZ	35EA	35EB	35EC	35ED	35EE	35EF	35EG	35EH	35EI	35EJ	35EK	35EL	35EM	35EN	35EO	35EP	35EQ	35ER	35ES	35ET	35EU	35EV	35EW	35EX	35EY	35EZ	35FA	35FB	35FC	35FD	35FE	35FF	35FG	35FH	35FI	35FJ	35FK	35FL	35FM	35FN	35FO	35FP	35FQ	35FR	35FS	35FT	35FU	35FV	35FW	35FX	35FY	35FZ	35GA	35GB	35GC	35GD	35GE	35GF	35GG	35GH	35GI	35GJ	35GK	35GL	35GM	35GN	35GO	35GP	35GQ	35GR	35GS	35GT	35GU	35GV	35GW	35GX	35GY	35GZ	35HA	35HB	35HC	35HD	35HE	35HF	35HG	35HH	35HI	35HJ	35HK	35HL	35HM	35HN	35HO	35HP	35HQ	35HR	35HS	35HT	35HU	35HV	35HW	35HX	35HY	35HZ	35IA	35IB	35IC	35ID	35IE	35IF	35IG	35IH	35II	35IJ	35IK	35IL	35IM	35IN	35IO	35IP	35IQ	35IR	35IS	35IT	35IU	35IV	35IW	35IX	35IY	35IZ	35JA	35JB	35JC	35JD	35JE	35JF	35JG	35JH	35JI	35JJ	35JK	35JL	35JM	35JN	35JO	35JP	35JQ	35JR	35JS	35JT	35JU	35JV	35JW	35JX	35JY	35JZ	35KA	35KB	35KC	35KD	35KE	35KF	35KG	35KH	35KI	35KJ	35KL	35KM	35KN	35KO	35KP	35KQ	35KR	35KS	35KT	35KU	35KV	35KW	35KX	35KY	35KZ	35LA	35LB	35LC	35LD	35LE	35LF	35LG	35LH	35LI	35LJ	35LK	35LL	35LM	35LN	35LO	35LP	35LQ	35LR	35LS	35LT	35LU	35LV	35LW	35LX	35LY	35LZ	35MA	35MB	35MC	35MD	35ME	35MF	35MG	35MH	35MI	35MJ	35MK	35ML	35MM	35MN	35MO	35MP	35MQ	35MR	35MS	35MT	35MU	35MV	35MW	35MX	35MY	35MZ	35NA	35NB	35NC	35ND	35NE	35NF	35NG	35NH	35NI	35NJ	35NK	35NL	35NM	35NN	35NO	35NP	35NQ	35NR	35NS	35NT	35NU	35NV	35NW	35NX	35NY	35NZ	35OA	35OB	35OC	35OD	35OE	35OF	35OG	35OH	35OI	35OJ	35OK	35OL	35OM	35ON	35OO	35OP	35OQ	35OR	35OS	35OT	35OU	35OV	35OW	35OX	35OY	35OZ	35PA	35PB	35PC	35PD	35PE	35PF	35PG	35PH	35PI	35PJ	35PK	35PL	35PM	35PN	35PO	35PP	35PQ	35PR	35PS	35PT	35PU	35PV	35PW	35PX	35PY	35PZ	35QA	35QB	35QC	35QD	35QE	35QF	35QG	35QH	35QI	35QJ	35QK	35QL	35QM	35QN	35QO	35QP	35QQ	35QR	35QS	35QT	35QU	35QV	35QW	35QX	35QY	35QZ	35RA	35RB	35RC	35RD	35RE	35RF	35RG	35RH	35RI	35RJ	35RK	35RL	35RM	35RN	35RO	35RP	35RQ	35RR	35RS	35RT	35RU	35RV	35RW	35RX	35RY	35RZ	35SA	35SB	35SC	35SD	35SE	35SF	35SG	35SH	35SI	35SJ	35SK	35SL	35SM	35SN	35SO	35SP	35SQ	35SR	35SS	35ST	35SU	35SV	35SW	35SX	35SY	35SZ	35TA	35TB	35TC	35TD	35TE	35TF	35TG	35TH	35TI	35TJ	35TK	35TL	35TM	35TN	35TO	35TP	35TQ	35TR	35TS	35TT	35TU	35TV	35TW	35TX	35TY	35TZ	35UA	35UB	35UC	35UD	35UE	35UF	35UG	35UH	35UI	35UJ	35UK	35UL	35UM	35UN	35UO	35UP	35UQ	35UR	35US	35UT	35UU	35UV	35UW	35UX	35UY	35UZ	35VA	35VB	35VC	35VD	35VE	35VF	35VG	35VH	35VI	35VJ	35VK	35VL	35VM	35VN	35VO	35VP	35VQ	35VR	35VS	35VT	35VU	35VV	35VW	35VX	35VY	35VZ	35WA	35WB	35WC	35WD	35WE	35WF	35WG	35WH	35WI	35WJ	35WK	35WL	35WM	35WN	35WO	35WP	35WQ	35WR	35WS	35WT	35WU	35WV	35WW	35WX	35WY	35WZ	35XA	35XB	35XC	35XD	35XE	35XF	35XG	35XH	35XI	35XJ	35XK	35XL	35XM	35XN	35XO	35XP	35XQ	35XR	35XS	35XT	35XU	35XV	35XW	35XZ	35YA	35YB	35YC	35YD	35YE	35YF	35YG	35YH	35YI	35YJ	35YK	35YL	35YM	35YN	35YO	35YP	35YQ	35YR	35YS	35YT	35YU	35YV	35YW	35YZ	35ZA	35ZB	35ZC	35ZD	35ZE	35ZF	35ZG	35ZH	35ZI	35ZJ	35ZK	35ZL	35ZM	35ZN	35ZO	35ZP	35ZQ	35ZR	35ZS	35ZT	35ZU	35ZV	35ZW	35ZX	35ZY	35ZZ	36A	36B	36C	36D	36E	36F	36G	36H	36I	36J	36K	36L	36M	36N	36O	36P	36Q	36R	36S	36T	36U	36V	36W	36X	36Y	36Z	36AA	36AB	36AC	36AD	36AE	36AF	36AG	36AH	36AI	36AJ	36AK	36AL	36AM	36AN	36AO	36AP	36AQ	36AR	36AS	36AT	36AU	36AV	36AW	36AX	36AY	36AZ	36BA	36BB	36BC	36BD	36BE	36BF	36BG	36BH	36BI	36BJ	36BK	36BL	36BM	36BN	36BO	36BP	36BQ	36BR	36BS	36BT	36BU	36BV	36BW	36BX	36BY	36BZ	36CA	36CB	36CC	36CD	36CE	36CF	36CG	36CH	36CI	36CJ	36CK	36CL	36CM	36CN	36CO	36CP	36CQ	36CR	36CS	36CT	36CU	36CV	36CW	36CX	36CY	36CZ	36DA	36DB	36DC	36DD	36DE	36DF	36DG	36DH	36
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Appendix C
CCS Maintenance Data

CC3 Maintenance Data

[illegible]

Appendix D

TCAE W/S Maintenance Data

TCAE Workstation Maintenance Data

TCAE Workstation		27J	28M	31Y	33T	35G	32D	33R	32J	35H	35D	34B	33E	32H	32B	33T	33H	33Y	33C	30L	43M	44B
		QTY	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)	(DS)
CD-ROM PLAYER		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MONITOR, Graphics Resumed		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DISK DRIVE 5.25"		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TAPE DRIVE 0.25"		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PRINTER/COLOR		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PRINTER/LASER		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KEYBOARD		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOUSE		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COMPUTER CHASSIS		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DISK DRIVE (DISK PACQ)		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL AMB				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CD-ROM PLAYER		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MONITOR, Graphics Resumed		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DISK DRIVE 5.25"		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TAPE DRIVE 0.25"		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PRINTER/COLOR		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PRINTER/LASER		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
KEYBOARD		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MOUSE		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COMPUTER CHASSIS		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
DISK DRIVE (DISK PACQ)		HEL100	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL AMB				0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Appendix E

TCAC Maintenance Data

TCAC Maintenance Data

TCAC		31J	31V	31W	31X	31Y	31Z	32A	32B	32C	32D	32E	32F	32G	32H	32I	32J	32K	32L	32M	32N	32O	32P	32Q	32R	32S	32T	32U	32V	32W	32X	32Y	32Z	33A	33B	33C	33D	33E	33F	33G	33H	33I	33J	33K	33L	33M	33N	33O	33P	33Q	33R	33S	33T	33U	33V	33W	33X	33Y	33Z	34A	34B	34C	34D	34E	34F	34G	34H	34I	34J	34K	34L	34M	34N	34O	34P	34Q	34R	34S	34T	34U	34V	34W	34X	34Y	34Z	35A	35B	35C	35D	35E	35F	35G	35H	35I	35J	35K	35L	35M	35N	35O	35P	35Q	35R	35S	35T	35U	35V	35W	35X	35Y	35Z	36A	36B	36C	36D	36E	36F	36G	36H	36I	36J	36K	36L	36M	36N	36O	36P	36Q	36R	36S	36T	36U	36V	36W	36X	36Y	36Z	37A	37B	37C	37D	37E	37F	37G	37H	37I	37J	37K	37L	37M	37N	37O	37P	37Q	37R	37S	37T	37U	37V	37W	37X	37Y	37Z	38A	38B	38C	38D	38E	38F	38G	38H	38I	38J	38K	38L	38M	38N	38O	38P	38Q	38R	38S	38T	38U	38V	38W	38X	38Y	38Z	39A	39B	39C	39D	39E	39F	39G	39H	39I	39J	39K	39L	39M	39N	39O	39P	39Q	39R	39S	39T	39U	39V	39W	39X	39Y	39Z	40A	40B	40C	40D	40E	40F	40G	40H	40I	40J	40K	40L	40M	40N	40O	40P	40Q	40R	40S	40T	40U	40V	40W	40X	40Y	40Z	41A	41B	41C	41D	41E	41F	41G	41H	41I	41J	41K	41L	41M	41N	41O	41P	41Q	41R	41S	41T	41U	41V	41W	41X	41Y	41Z	42A	42B	42C	42D	42E	42F	42G	42H	42I	42J	42K	42L	42M	42N	42O	42P	42Q	42R	42S	42T	42U	42V	42W	42X	42Y	42Z	43A	43B	43C	43D	43E	43F	43G	43H	43I	43J	43K	43L	43M	43N	43O	43P	43Q	43R	43S	43T	43U	43V	43W	43X	43Y	43Z	44A	44B	44C	44D	44E	44F	44G	44H	44I	44J	44K	44L	44M	44N	44O	44P	44Q	44R	44S	44T	44U	44V	44W	44X	44Y	44Z	45A	45B	45C	45D	45E	45F	45G	45H	45I	45J	45K	45L	45M	45N	45O	45P	45Q	45R	45S	45T	45U	45V	45W	45X	45Y	45Z	46A	46B	46C	46D	46E	46F	46G	46H	46I	46J	46K	46L	46M	46N	46O	46P	46Q	46R	46S	46T	46U	46V	46W	46X	46Y	46Z	47A	47B	47C	47D	47E	47F	47G	47H	47I	47J	47K	47L	47M	47N	47O	47P	47Q	47R	47S	47T	47U	47V	47W	47X	47Y	47Z	48A	48B	48C	48D	48E	48F	48G	48H	48I	48J	48K	48L	48M	48N	48O	48P	48Q	48R	48S	48T	48U	48V	48W	48X	48Y	48Z	49A	49B	49C	49D	49E	49F	49G	49H	49I	49J	49K	49L	49M	49N	49O	49P	49Q	49R	49S	49T	49U	49V	49W	49X	49Y	49Z	50A	50B	50C	50D	50E	50F	50G	50H	50I	50J	50K	50L	50M	50N	50O	50P	50Q	50R	50S	50T	50U	50V	50W	50X	50Y	50Z	51A	51B	51C	51D	51E	51F	51G	51H	51I	51J	51K	51L	51M	51N	51O	51P	51Q	51R	51S	51T	51U	51V	51W	51X	51Y	51Z	52A	52B	52C	52D	52E	52F	52G	52H	52I	52J	52K	52L	52M	52N	52O	52P	52Q	52R	52S	52T	52U	52V	52W	52X	52Y	52Z	53A	53B	53C	53D	53E	53F	53G	53H	53I	53J	53K	53L	53M	53N	53O	53P	53Q	53R	53S	53T	53U	53V	53W	53X	53Y	53Z	54A	54B	54C	54D	54E	54F	54G	54H	54I	54J	54K	54L	54M	54N	54O	54P	54Q	54R	54S	54T	54U	54V	54W	54X	54Y	54Z	55A	55B	55C	55D	55E	55F	55G	55H	55I	55J	55K	55L	55M	55N	55O	55P	55Q	55R	55S	55T	55U	55V	55W	55X	55Y	55Z	56A	56B	56C	56D	56E	56F	56G	56H	56I	56J	56K	56L	56M	56N	56O	56P	56Q	56R	56S	56T	56U	56V	56W	56X	56Y	56Z	57A	57B	57C	57D	57E	57F	57G	57H	57I	57J	57K	57L	57M	57N	57O	57P	57Q	57R	57S	57T	57U	57V	57W	57X	57Y	57Z	58A	58B	58C	58D	58E	58F	58G	58H	58I	58J	58K	58L	58M	58N	58O	58P	58Q	58R	58S	58T	58U	58V	58W	58X	58Y	58Z	59A	59B	59C	59D	59E	59F	59G	59H	59I	59J	59K	59L	59M	59N	59O	59P	59Q	59R	59S	59T	59U	59V	59W	59X	59Y	59Z	60A	60B	60C	60D	60E	60F	60G	60H	60I	60J	60K	60L	60M	60N	60O	60P	60Q	60R	60S	60T	60U	60V	60W	60X	60Y	60Z	61A	61B	61C	61D	61E	61F	61G	61H	61I	61J	61K	61L	61M	61N	61O	61P	61Q	61R	61S	61T	61U	61V	61W	61X	61Y	61Z	62A	62B	62C	62D	62E	62F	62G	62H	62I	62J	62K	62L	62M	62N	62O	62P	62Q	62R	62S	62T	62U	62V	62W	62X	62Y	62Z	63A	63B	63C	63D	63E	63F	63G	63H	63I	63J	63K	63L	63M	63N	63O	63P	63Q	63R	63S	63T	63U	63V	63W	63X	63Y	63Z	64A	64B	64C	64D	64E	64F	64G	64H	64I	64J	64K	64L	64M	64N	64O	64P	64Q	64R	64S	64T	64U	64V	64W	64X	64Y	64Z	65A	65B	65C	65D	65E	65F	65G	65H	65I	65J	65K	65L	65M	65N	65O	65P	65Q	65R	65S	65T	65U	65V	65W	65X	65Y	65Z	66A	66B	66C	66D	66E	66F	66G	66H	66I	66J	66K	66L	66M	66N	66O	66P	66Q	66R	66S	66T	66U	66V	66W	66X	66Y	66Z	67A	67B	67C	67D	67E	67F	67G	67H	67I	67J	67K	67L	67M	67N	67O	67P	67Q	67R	67S	67T	67U	67V	67W	67X	67Y	67Z	68A	68B	68C	68D	68E	68F	68G	68H	68I	68J	68K	68L	68M	68N	68O	68P	68Q	68R	68S	68T	68U	68V	68W	68X	68Y	68Z	69A	69B	69C	69D	69E	69F	69G	69H	69I	69J	69K	69L	69M	69N	69O	69P	69Q	69R	69S	69T	69U	69V	69W	69X	69Y	69Z	70A	70B	70C	70D	70E	70F	70G	70H	70I	70J	70K	70L	70M	70N	70O	70P	70Q	70R	70S	70T	70U	70V	70W	70X	70Y	70Z	71A	71B	71C	71D	71E	71F	71G	71H	71I	71J	71K	71L	71M	71N	71O	71P	71Q	71R	71S	71T	71U	71V	71W	71X	71Y	71Z	72A	72B	72C	72D	72E	72F	72G	72H	72I	72J	72K	72L	72M	72N	72O	72P	72Q	72R	72S	72T	72U	72V	72W	72X	72Y	72Z	73A	73B	73C	73D	73E	73F	73G	73H	73I	73J	73K	73L	73M	73N	73O	73P	73Q	73R	73S	73T	73U	73V	73W	73X	73Y	73Z	74A	74B	74C	74D	74E	74F	74G	74H	74I	74J	74K	74L	74M	74N	74O	74P	74Q	74R	74S	74T	74U	74V	74W	74X	74Y	74Z	75A	75B	75C	75D	75E	75F	75G	75H	75I	75J	75K	75L	75M	75N	75O	75P	75Q	75R	75S	75T	75U	75V	75W	75X	75Y	75Z	76A	76B	76C	76D	76E	76F	76G	76H	76I	76J	76K	76L	76M	76N	76O	76P	76Q	76R	76S	76T	76U	76V	76W	76X	76Y	76Z	77A	77B	77C	77D	77E	77F	77G	77H	77I	77J	77K	77L	77M	77N	77O	77P	77Q	77R	77S	77T	77U	77V	77W	77X	77Y	77Z	78A	78B	78C	78D	78E	78F	78G	78H	78I	78J	78K	78L	78M	78N	78O	78P	78Q	78R	78S	78T	78U	78V	78W	78X	78Y	78Z	79A	79B	79C	79D	79E	79F	79G	79H	79I	79J	79K	79L	79M	79N	79O	79P	79Q	79R	79S	79T	79U	79V	79W	79X	79Y	79Z	80A	80B	80C	80D	80E	80F	80G	80H	80I	80J	80K	80L	80M	80N	80O	80P	80Q	80R	80S	80T	80U	80V	80W	80X	80Y	80Z	81A	81B	81C	81D	81E	81F	81G	81H	81I	81J	81K	81L	81M	81N	81O	81P	81Q	81R	81S	81T	81U	81V	81W	81X	81Y	81Z	82A	82B	82C	82D	82E	82F	82G	82H	82I	82J	82K	82L	82M	82N	82O	82P	82Q	82R	82S	82T	82U	82V	82W	82X	82Y	82Z	83A	83B	83C	83D	83E	83F	83G	83H	83I	83J	83K	83L	83M	83N	83O	83P	83Q	83R	83S	83T	83U	83V	83W	83X	83Y	83Z	84A	84B	84C	84D	84E	84F	84G	84H	84I	84J	84K	84L	84M	84N	84O	84P	84Q	84R	84S	84T	84U	84V	84W	84X	84Y	84Z	85A	85B	85C	85D	85E	85F	85G	85H	85I	85J	85K	85L	85M	85N	85O	85P	85Q	85R	85S	85T	85U	85V	85W	85X	85Y	85Z	86A	86B	86C	86D	86E	86F	86G	86H	86I	86J	86K	86L	86M	86N	86O	86P	86Q	86R	86S	86T	86U	86V	86W	86X	86Y	86Z	87A	87B	87C	87D	87E	87F	87G	87H	87I	87J	87K	87L	87M	87N	87O	87P	87Q	87R	87S	87T	87U	87V	87W	87X	87Y	87Z	88A	88B	88C	88D	88E	88F	88G	88H	88I	88J	88K	88L	88M	88N	88O	88P	88Q	88R	88S	88T	88U	88V	88W	88X	88Y	88Z	89A	89B	89C	89D	89E	89F	89G	89H	89I	89J	89K	89L	89M	89N	89O	89P	89Q	89R	89S	89T	89U	89V	89W	89X	89Y	89Z	90A	90B	90C	90D	90E	90F	90G	90H	90I	90J	90K	90L	90M	90N	90O	90P	90Q	90R	90S	90T	90U	90V</
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Appendix F
ASIOE Maintenance Data

ASOE Workload Data

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ASTOE Workload Data

MONUMENT ITEM	1101 ACR01	1102 ACR02	1103 ACR03	1104 ACR04	1105 ACR05	1106 ACR06	1107 ACR07	1108 ACR08	1109 ACR09	1110 ACR10	1111 ACR11	1112 ACR12	1113 ACR13	1114 ACR14	1115 ACR15	1116 ACR16	1117 ACR17	1118 ACR18	1119 ACR19	1120 ACR20	1121 ACR21	1122 ACR22	1123 ACR23	1124 ACR24	1125 ACR25	1126 ACR26	1127 ACR27	1128 ACR28	1129 ACR29	1130 ACR30	1131 ACR31	1132 ACR32	1133 ACR33	1134 ACR34	1135 ACR35	1136 ACR36	1137 ACR37	1138 ACR38	1139 ACR39	1140 ACR40	1141 ACR41	1142 ACR42	1143 ACR43	1144 ACR44	1145 ACR45	1146 ACR46	1147 ACR47	1148 ACR48	1149 ACR49	1150 ACR50	1151 ACR51	1152 ACR52	1153 ACR53	1154 ACR54	1155 ACR55	1156 ACR56	1157 ACR57	1158 ACR58	1159 ACR59	1160 ACR60	1161 ACR61	1162 ACR62	1163 ACR63	1164 ACR64	1165 ACR65	1166 ACR66	1167 ACR67	1168 ACR68	1169 ACR69	1170 ACR70	1171 ACR71	1172 ACR72	1173 ACR73	1174 ACR74	1175 ACR75	1176 ACR76	1177 ACR77	1178 ACR78	1179 ACR79	1180 ACR80	1181 ACR81	1182 ACR82	1183 ACR83	1184 ACR84	1185 ACR85	1186 ACR86	1187 ACR87	1188 ACR88	1189 ACR89	1190 ACR90	1191 ACR91	1192 ACR92	1193 ACR93	1194 ACR94	1195 ACR95	1196 ACR96	1197 ACR97	1198 ACR98	1199 ACR99	1200 ACR100	1201 ACR101	1202 ACR102	1203 ACR103	1204 ACR104	1205 ACR105	1206 ACR106	1207 ACR107	1208 ACR108	1209 ACR109	1210 ACR110	1211 ACR111	1212 ACR112	1213 ACR113	1214 ACR114	1215 ACR115	1216 ACR116	1217 ACR117	1218 ACR118	1219 ACR119	1220 ACR120	1221 ACR121	1222 ACR122	1223 ACR123	1224 ACR124	1225 ACR125	1226 ACR126	1227 ACR127	1228 ACR128	1229 ACR129	1230 ACR130	1231 ACR131	1232 ACR132	1233 ACR133	1234 ACR134	1235 ACR135	1236 ACR136	1237 ACR137	1238 ACR138	1239 ACR139	1240 ACR140	1241 ACR141	1242 ACR142	1243 ACR143	1244 ACR144	1245 ACR145	1246 ACR146	1247 ACR147	1248 ACR148	1249 ACR149	1250 ACR150	1251 ACR151	1252 ACR152	1253 ACR153	1254 ACR154	1255 ACR155	1256 ACR156	1257 ACR157	1258 ACR158	1259 ACR159	1260 ACR160	1261 ACR161	1262 ACR162	1263 ACR163	1264 ACR164	1265 ACR165	1266 ACR166	1267 ACR167	1268 ACR168	1269 ACR169	1270 ACR170	1271 ACR171	1272 ACR172	1273 ACR173	1274 ACR174	1275 ACR175	1276 ACR176	1277 ACR177	1278 ACR178	1279 ACR179	1280 ACR180	1281 ACR181	1282 ACR182	1283 ACR183	1284 ACR184	1285 ACR185	1286 ACR186	1287 ACR187	1288 ACR188	1289 ACR189	1290 ACR190	1291 ACR191	1292 ACR192	1293 ACR193	1294 ACR194	1295 ACR195	1296 ACR196	1297 ACR197	1298 ACR198	1299 ACR199	1300 ACR200	1301 ACR201	1302 ACR202	1303 ACR203	1304 ACR204	1305 ACR205	1306 ACR206	1307 ACR207	1308 ACR208	1309 ACR209	1310 ACR210	1311 ACR211	1312 ACR212	1313 ACR213	1314 ACR214	1315 ACR215	1316 ACR216	1317 ACR217	1318 ACR218	1319 ACR219	1320 ACR220	1321 ACR221	1322 ACR222	1323 ACR223	1324 ACR224	1325 ACR225	1326 ACR226	1327 ACR227	1328 ACR228	1329 ACR229	1330 ACR230	1331 ACR231	1332 ACR232	1333 ACR233	1334 ACR234	1335 ACR235	1336 ACR236	1337 ACR237	1338 ACR238	1339 ACR239	1340 ACR240	1341 ACR241	1342 ACR242	1343 ACR243	1344 ACR244	1345 ACR245	1346 ACR246	1347 ACR247	1348 ACR248	1349 ACR249	1350 ACR250	1351 ACR251	1352 ACR252	1353 ACR253	1354 ACR254	1355 ACR255	1356 ACR256	1357 ACR257	1358 ACR258	1359 ACR259	1360 ACR260	1361 ACR261
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ASIOE Workload Data

EQUIPMENT		LNW/		Q30		Q3J		Q3W		Q8L		Q8E		Q8H		Q8M		Q8P		Q8Q		Q8R		Q8S		Q8T		Q8U		Q8V		Q8W		Q8X		Q8Y		Q8Z		Q8AA		Q8AB		Q8AC		Q8AD		Q8AE		Q8AF		Q8AG		Q8AH		Q8AI		Q8AJ		Q8AK		Q8AL		Q8AM		Q8AN		Q8AO		Q8AP		Q8AQ		Q8AR		Q8AS		Q8AT		Q8AU		Q8AV		Q8AW		Q8AX		Q8AY		Q8AZ		Q8BA		Q8BB		Q8BC		Q8BD		Q8BE		Q8BF		Q8BG		Q8BH		Q8BI		Q8BJ		Q8BK		Q8BL		Q8BM		Q8BN		Q8BO		Q8BP		Q8BQ		Q8BR		Q8BS		Q8BT		Q8BU		Q8BV		Q8BW		Q8BX		Q8BY		Q8BZ		Q8CA		Q8CB		Q8CC		Q8CD		Q8CE		Q8CF		Q8CG		Q8CH		Q8CI		Q8CJ		Q8CK		Q8CL		Q8CM		Q8CN		Q8CO		Q8CP		Q8CQ		Q8CR		Q8CS		Q8CT		Q8CU		Q8CV		Q8CW		Q8CX		Q8CY		Q8CZ		Q8DA		Q8DB		Q8DC		Q8DD		Q8DE		Q8DF		Q8DG		Q8DH		Q8DI		Q8DJ		Q8DK		Q8DL		Q8DM		Q8DN		Q8DO		Q8DP		Q8DQ		Q8DR		Q8DS		Q8DT		Q8DU		Q8DV		Q8DW		Q8DX		Q8DY		Q8DZ		Q8EA		Q8EB		Q8EC		Q8ED		Q8EE		Q8EF		Q8EG		Q8EH		Q8EI		Q8EJ		Q8EK		Q8EL		Q8EM		Q8EN		Q8EO		Q8EP		Q8EQ		Q8ER		Q8ES		Q8ET		Q8EU		Q8EV		Q8EW		Q8EX		Q8EY		Q8EZ		Q8FA		Q8FB		Q8FC		Q8FD		Q8FE		Q8FF		Q8FG		Q8FH		Q8FI		Q8FJ		Q8FK		Q8FL		Q8FM		Q8FN		Q8FO		Q8FP		Q8FQ		Q8FR		Q8FS		Q8FT		Q8FU		Q8FV		Q8FW		Q8FX		Q8FY		Q8FZ		Q8GA		Q8GB		Q8GC		Q8GD		Q8GE		Q8GF		Q8GG		Q8GH		Q8GI		Q8GJ		Q8GK		Q8GL		Q8GM		Q8GN		Q8GO		Q8GP		Q8GQ		Q8GR		Q8GS		Q8GT		Q8GU		Q8GV		Q8GW		Q8GX		Q8GY		Q8GZ		Q8HA		Q8HB		Q8HC		Q8HD		Q8HE		Q8HF		Q8HG		Q8HH		Q8HI		Q8HJ		Q8HK		Q8HL		Q8HM		Q8HN		Q8HO		Q8HP		Q8HQ		Q8HR		Q8HS		Q8HT		Q8HU		Q8HV		Q8HW		Q8HX		Q8HY		Q8HZ		Q8IA		Q8IB		Q8IC		Q8ID		Q8IE		Q8IF		Q8IG		Q8IH		Q8II		Q8IJ		Q8IK		Q8IL		Q8IM		Q8IN		Q8IO		Q8IP		Q8IQ		Q8IR		Q8IS		Q8IT		Q8IU		Q8IV		Q8IW		Q8IX		Q8IY		Q8IZ		Q8JA		Q8JB		Q8JC		Q8JD		Q8JE		Q8JF		Q8JG		Q8JH		Q8JI		Q8JJ		Q8JK		Q8JL		Q8JM		Q8JN		Q8JO		Q8JP		Q8JQ		Q8JR		Q8JS		Q8JT		Q8JU		Q8JV		Q8JW		Q8JX		Q8JY		Q8JZ		Q8KA		Q8KB		Q8KC		Q8KD		Q8KE		Q8KF		Q8KG		Q8KH		Q8KI		Q8KJ		Q8KK		Q8KL		Q8KM		Q8KN		Q8KO		Q8KP		Q8KQ		Q8KR		Q8KS		Q8KT		Q8KU		Q8KV		Q8KW		Q8KX		Q8KY		Q8KZ		Q8LA		Q8LB		Q8LC		Q8LD		Q8LE		Q8LF		Q8LG		Q8LH		Q8LI		Q8LJ		Q8LK		Q8LL		Q8LM		Q8LN		Q8LO		Q8LP		Q8LQ		Q8LR		Q8LS		Q8LT		Q8LU		Q8LV		Q8LW		Q8LX		Q8LY		Q8LZ		Q8MA		Q8MB		Q8MC		Q8MD		Q8ME		Q8MF		Q8MG		Q8MH		Q8MI		Q8MJ		Q8MK		Q8ML		Q8MN		Q8MO		Q8MP		Q8MQ		Q8MR		Q8MS		Q8MT		Q8MU		Q8MV		Q8MW		Q8MX		Q8MY		Q8MZ		Q8NA		Q8NB		Q8NC		Q8ND		Q8NE		Q8NF		Q8NG		Q8NH		Q8NI		Q8NJ		Q8NK		Q8NL		Q8NM		Q8NO		Q8NP		Q8NQ		Q8NR		Q8NS		Q8NT		Q8NU		Q8NV		Q8NW		Q8NX		Q8NY		Q8NZ		Q8OA		Q8OB		Q8OC		Q8OD		Q8OE		Q8OF		Q8OG		Q8OH		Q8OI		Q8OJ		Q8OK		Q8OL		Q8OM		Q8ON		Q8OO		Q8OP		Q8OQ		Q8OR		Q8OS		Q8OT		Q8OU		Q8OV		Q8OW		Q8OX		Q8OY		Q8OZ		Q8PA		Q8PB		Q8PC		Q8PD		Q8PE		Q8PF		Q8PG		Q8PH		Q8PI		Q8PJ		Q8PK		Q8PL		Q8PM		Q8PN		Q8PO		Q8PP		Q8PQ		Q8PR		Q8PS		Q8PT		Q8PU		Q8PV		Q8PW		Q8PX		Q8PY		Q8PZ		Q8QA		Q8QB		Q8QC		Q8QD		Q8QE		Q8QF		Q8QG		Q8QH		Q8QI		Q8QJ		Q8QK		Q8QL		Q8QM		Q8QN		Q8QO		Q8QP		Q8QQ		Q8QR		Q8QS		Q8QT		Q8QU		Q8QV		Q8QW		Q8QX		Q8QY		Q8QZ		Q8RA		Q8RB		Q8RC		Q8RD		Q8RE		Q8RF		Q8RG		Q8RH		Q8RI		Q8RJ		Q8RK		Q8RL		Q8RM		Q8RN		Q8RO		Q8RP		Q8RQ		Q8RR		Q8RS		Q8RT		Q8RU		Q8RV		Q8RW		Q8RX		Q8RY		Q8RZ		Q8SA		Q8SB		Q8SC		Q8SD		Q8SE		Q8SF		Q8SG		Q8SH		Q8SI		Q8SJ		Q8SK		Q8SL		Q8SM		Q8SN		Q8SO		Q8SP		Q8SQ		Q8SR		Q8SS		Q8ST		Q8SU		Q8SV		Q8SW		Q8SX		Q8SY		Q8SZ		Q8TA		Q8TB		Q8TC		Q8TD		Q8TE		Q8TF		Q8TG		Q8TH		Q8TI		Q8TJ		Q8TK		Q8TL		Q8TM		Q8TN		Q8TO		Q8TP		Q8TQ		Q8TR		Q8TS		Q8TT		Q8TU		Q8TV		Q8TW		Q8TX		Q8TY		Q8TZ		Q8UA		Q8UB		Q8UC		Q8UD		Q8UE		Q8UF		Q8UG		Q8UH		Q8UI		Q8UJ		Q8UK		Q8UL		Q8UM		Q8UN		Q8UO		Q8UP		Q8UQ		Q8UR		Q8US		Q8UT		Q8UU		Q8UV		Q8UW		Q8UX		Q8UY		Q8UZ		Q8VA		Q8VB		Q8VC		Q8VD		Q8VE		Q8VF		Q8VG		Q8VH		Q8VI		Q8VJ		Q8VK		Q8VL		Q8VM		Q8VN		Q8VO		Q8VP		Q8VQ		Q8VR		Q8VS		Q8VT		Q8VU		Q8VV		Q8VW		Q8VX		Q8VY		Q8VZ		Q8WA		Q8WB		Q8WC		Q8WD		Q8WE		Q8WF		Q8WG		Q8WH		Q8WI		Q8WJ		Q8WK		Q8WL		Q8WM		Q8WN		Q8WO		Q8WP		Q8WQ		Q8WR		Q8WS		Q8WT		Q8WU		Q8WV		Q8WW		Q8WX		Q8WY		Q8WZ		Q8XA		Q8XB		Q8XC		Q8XD		Q8XE		Q8XF		Q8XG		Q8XH		Q8XI		Q8XJ		Q8XK		Q8XL		Q8XM		Q8XN		Q8XO		Q8XP		Q8XQ		Q8XR		Q8XS		Q8XT		Q8XU		Q8XV		Q8XW		Q8XX		Q8XY		Q8XZ		Q8YA		Q8YB		Q8YC		Q8YD		Q8YE		Q8YF		Q8YG		Q8YH		Q8YI		Q8YJ		Q8YK		Q8YL		Q8YM		Q8YN		Q8YO		Q8YP		Q8YQ		Q8YR		Q8YS		Q8YT		Q8YU		Q8YV		Q8YW		Q8YX		Q8YY		Q8YZ		Q8ZA		Q8ZB		Q8ZC		Q8ZD		Q8ZE		Q8ZF		Q8ZG		Q8ZH		Q8ZI		Q8ZJ		Q8ZK		Q8ZL		Q8ZM		Q8ZN		Q8ZO		Q8ZP		Q8ZQ		Q8ZR		Q8ZS		Q8ZT		Q8ZU		Q8ZV		Q8ZW		Q8ZX		Q8ZY		Q8ZZ		Q8AA		Q8AB		Q8AC		Q8AD		Q8AE		Q8AF		Q8AG		Q8AH		Q8AI		Q8AJ		Q8AK		Q8AL		Q8AM		Q8AN		Q8AO		Q8AP		Q8AQ		Q8AR		Q8AS		Q8AT		Q8AU		Q8AV		Q8AW		Q8AX		Q8AY		Q8AZ		Q8BA		Q8BB		Q8BC		Q8BD		Q8BE		Q8BF		Q8BG		Q8BH		Q8BI		Q8BJ		Q8BK		Q8BL		Q8BM		Q8BN		Q8BO		Q8BP		Q8BQ		Q8BR		Q8BS		Q8BT		Q8BU		Q8BV		Q8BW		Q8BX		Q8BY		Q8BZ		Q8CA		Q8CB		Q8CC		Q8CD		Q8CE		Q8CF		Q8CG		Q8CH		Q8CI		Q8CJ		Q8CK		Q8CL		Q8CM		Q8CN		Q8CO		Q8CP		Q8CQ		Q8CR		Q8CS		Q8CT		Q8CU		Q8CV		Q8CW		Q8CX		Q8CY		Q8CZ		Q8DA		Q8DB		Q8DC		Q8DD		Q8DE		Q8DF		Q8DG		Q8DH		Q8DI		Q8DJ		Q8DK		Q8DL		Q8DM		Q8DN		Q8DO		Q8DP		Q8DQ		Q8DR		Q8DS		Q8DT		Q8DU		Q8DV		Q8DW		Q8DX		Q8DY		Q8DZ		Q8EA		Q8EB		Q8EC		Q8ED		Q8EE		Q8EF		Q8EG		Q8EH		Q8EI		Q8EJ		Q8EK		Q8EL		Q8EM		Q8EN		Q8EO		Q8EP		Q8EQ		Q8ER		Q8ES		Q8ET		Q8EU		Q8EV		Q8EW		Q8EX		Q8EY		Q8EZ		Q8FA		Q8FB		Q8FC		Q8FD		Q8FE		Q8FF		Q8FG		Q8FH		Q8FI		Q8FJ		Q8FK		Q8F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Appendix G

Enclave Supplemental Equipment
Maintenance Data

Machine Supplemental Equipment Maintenance Data

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Exhaustive Supplemental Equipment Maintenance Data

SHIP 3 E.T. REV. ITEM		QTY		31V	31W	31Z	32D	32E	32F	32G	32H	32I	32J	32K	32L	32M	32N	32O	32P	32Q	32R	32S	32T	32U	32V	32W	32X	32Y	32Z	33A	33B	33C	33D	33E	33F	33G	33H	33I	33J	33K	33L	33M	33N	33O	33P	33Q	33R	33S	33T	33U	33V	33W	33X	33Y	33Z	34A	34B	34C	34D	34E	34F	34G	34H	34I	34J	34K	34L	34M	34N	34O	34P	34Q	34R	34S	34T	34U	34V	34W	34X	34Y	34Z	35A	35B	35C	35D	35E	35F	35G	35H	35I	35J	35K	35L	35M	35N	35O	35P	35Q	35R	35S	35T	35U	35V	35W	35X	35Y	35Z	36A	36B	36C	36D	36E	36F	36G	36H	36I	36J	36K	36L	36M	36N	36O	36P	36Q	36R	36S	36T	36U	36V	36W	36X	36Y	36Z	37A	37B	37C	37D	37E	37F	37G	37H	37I	37J	37K	37L	37M	37N	37O	37P	37Q	37R	37S	37T	37U	37V	37W	37X	37Y	37Z	38A	38B	38C	38D	38E	38F	38G	38H	38I	38J	38K	38L	38M	38N	38O	38P	38Q	38R	38S	38T	38U	38V	38W	38X	38Y	38Z	39A	39B	39C	39D	39E	39F	39G	39H	39I	39J	39K	39L	39M	39N	39O	39P	39Q	39R	39S	39T	39U	39V	39W	39X	39Y	39Z	40A	40B	40C	40D	40E	40F	40G	40H	40I	40J	40K	40L	40M	40N	40O	40P	40Q	40R	40S	40T	40U	40V	40W	40X	40Y	40Z	41A	41B	41C	41D	41E	41F	41G	41H	41I	41J	41K	41L	41M	41N	41O	41P	41Q	41R	41S	41T	41U	41V	41W	41X	41Y	41Z	42A	42B	42C	42D	42E	42F	42G	42H	42I	42J	42K	42L	42M	42N	42O	42P	42Q	42R	42S	42T	42U	42V	42W	42X	42Y	42Z	43A	43B	43C	43D	43E	43F	43G	43H	43I	43J	43K	43L	43M	43N	43O	43P	43Q	43R	43S	43T	43U	43V	43W	43X	43Y	43Z	44A	44B	44C	44D	44E	44F	44G	44H	44I	44J	44K	44L	44M	44N	44O	44P	44Q	44R	44S	44T	44U	44V	44W	44X	44Y	44Z	45A	45B	45C	45D	45E	45F	45G	45H	45I	45J	45K	45L	45M	45N	45O	45P	45Q	45R	45S	45T	45U	45V	45W	45X	45Y	45Z	46A	46B	46C	46D	46E	46F	46G	46H	46I	46J	46K	46L	46M	46N	46O	46P	46Q	46R	46S	46T	46U	46V	46W	46X	46Y	46Z	47A	47B	47C	47D	47E	47F	47G	47H	47I	47J	47K	47L	47M	47N	47O	47P	47Q	47R	47S	47T	47U	47V	47W	47X	47Y	47Z	48A	48B	48C	48D	48E	48F	48G	48H	48I	48J	48K	48L	48M	48N	48O	48P	48Q	48R	48S	48T	48U	48V	48W	48X	48Y	48Z	49A	49B	49C	49D	49E	49F	49G	49H	49I	49J	49K	49L	49M	49N	49O	49P	49Q	49R	49S	49T	49U	49V	49W	49X	49Y	49Z	50A	50B	50C	50D	50E	50F	50G	50H	50I	50J	50K	50L	50M	50N	50O	50P	50Q	50R	50S	50T	50U	50V	50W	50X	50Y	50Z																																																																																																																																																																																																																																																																																																																																																													
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Appendix H

Unit Maintenance Data Summary

Unit Maintenance Data Summary

EQUIPMENT ITEM	LIM/ LOH	27J		28H		31V		33T		35C		36W		38H		40H		42J		44C		46H		48H		50H		52C		54C		56H		58H		60H		62C		64C		66H		68H		70H		72C		74C		76H		78H		80H		82C		84C		86H		88H		90H		92C		94C		96H		98H		100H		102C		104C		106H		108H		110H		112C		114C		116H		118H		120H		122C		124C		126H		128H		130H		132C		134C		136H		138H		140H		142C		144C		146H		148H		150H		152C		154C		156H		158H		160H		162C		164C		166H		168H		170H		172C		174C		176H		178H		180H		182C		184C		186H		188H		190H		192C		194C		196H		198H		200H		202C		204C		206H		208H		210H		212C		214C		216H		218H		220H		222C		224C		226H		228H		230H		232C		234C		236H		238H		240H		242C		244C		246H		248H		250H		252C		254C		256H		258H		260H		262C		264C		266H		268H		270H		272C		274C		276H		278H		280H		282C		284C		286H		288H		290H		292C		294C		296H		298H		300H		302C		304C		306H		308H		310H		312C		314C		316H		318H		320H		322C		324C		326H		328H		330H		332C		334C		336H		338H		340H		342C		344C		346H		348H		350H		352C		354C		356H		358H		360H		362C		364C		366H		368H		370H		372C		374C		376H		378H		380H		382C		384C		386H		388H		390H		392C		394C		396H		398H		400H		402C		404C		406H		408H		410H		412C		414C		416H		418H		420H		422C		424C		426H		428H		430H		432C		434C		436H		438H		440H		442C		444C		446H		448H		450H		452C		454C		456H		458H		460H		462C		464C		466H		468H		470H		472C		474C		476H		478H		480H		482C		484C		486H		488H		490H		492C		494C		496H		498H		500H		502C		504C		506H		508H		510H		512C		514C		516H		518H		520H		522C		524C		526H		528H		530H		532C		534C		536H		538H		540H		542C		544C		546H		548H		550H		552C		554C		556H		558H		560H		562C		564C		566H		568H		570H		572C		574C		576H		578H		580H		582C		584C		586H		588H		590H		592C		594C		596H		598H		600H		602C		604C		606H		608H		610H		612C		614C		616H		618H		620H		622C		624C		626H		628H		630H		632C		634C		636H		638H		640H		642C		644C		646H		648H		650H		652C		654C		656H		658H		660H		662C		664C		666H		668H		670H		672C		674C		676H		678H		680H		682C		684C		686H		688H		690H		692C		694C		696H		698H		700H		702C		704C		706H		708H		710H		712C		714C		716H		718H		720H		722C		724C		726H		728H		730H		732C		734C		736H		738H		740H		742C		744C		746H		748H		750H		752C		754C		756H		758H		760H		762C		764C		766H		768H		770H		772C		774C		776H		778H		780H		782C		784C		786H		788H		790H		792C		794C		796H		798H		800H		802C		804C		806H		808H		810H		812C		814C		816H		818H		820H		822C		824C		826H		828H		830H		832C		834C		836H		838H		840H		842C		844C		846H		848H		850H		852C		854C		856H		858H		860H		862C		864C		866H		868H		870H		872C		874C		876H		878H		880H		882C		884C		886H		888H		890H		892C		894C		896H		898H		900H		902C		904C		906H		908H		910H		912C		914C		916H		918H		920H		922C		924C		926H		928H		930H		932C		934C		936H		938H		940H		942C		944C		946H		948H		950H		952C		954C		956H		958H		960H		962C		964C		966H		968H		970H		972C		974C		976H		978H		980H		982C		984C		986H		988H		990H		992C		994C		996H		998H		1000H		1002C		1004C		1006H		1008H		1010H		1012C		1014C		1016H		1018H		1020H		1022C		1024C		1026H		1028H		1030H		1032C		1034C		1036H		1038H		1040H		1042C		1044C		1046H		1048H		1050H		1052C		1054C		1056H		1058H		1060H		1062C		1064C		1066H		1068H		1070H		1072C		1074C		1076H		1078H		1080H		1082C		1084C		1086H		1088H		1090H		1092C		1094C		1096H		1098H		1100H		1102C		1104C		1106H		1108H		1110H		1112C		1114C		1116H		1118H		1120H		1122C		1124C		1126H		1128H		1130H		1132C		1134C		1136H		1138H		1140H		1142C		1144C		1146H		1148H		1150H		1152C		1154C		1156H		1158H		1160H		1162C		1164C		1166H		1168H		1170H		1172C		1174C		1176H		1178H		1180H		1182C		1184C		1186H		1188H		1190H		1192C		1194C		1196H		1198H		1200H		1202C		1204C		1206H		1208H		1210H		1212C		1214C		1216H		1218H		1220H		1222C		1224C		1226H		1228H		1230H		1232C		1234C		1236H		1238H		1240H		1242C		1244C		1246H		1248H		1250H		1252C		1254C		1256H		1258H		1260H		1262C		1264C		1266H		1268H		1270H		1272C		1274C		1276H		1278H		1280H		1282C		1284C		1286H		1288H		1290H		1292C		1294C		1296H		1298H		1300H		1302C		1304C		1306H		1308H		1310H		1312C		1314C		1316H		1318H		1320H		1322C		1324C		1326H		1328H		1330H		1332C		1334C		1336H		1338H		1340H		1342C		1344C		1346H		1348H		1350H		1352C		1354C		1356H		1358H		1360H		1362C		1364C		1366H		1368H		1370H		1372C		1374C		1376H		1378H		1380H		1382C		1384C		1386H		1388H		1390H		1392C		1394C		1396H		1398H		1400H		1402C		1404C		1406H		1408H		1410H		1412C		1414C		1416H		1418H		1420H		1422C		1424C		1426H		1428H		1430H		1432C		1434C		1436H		1438H		1440H		1442C		1444C		1446H		1448H		1450H		1452C		1454C		1456H		1458H		1460H		1462C		1464C		1466H		1468H		1470H		1472C		1474C		1476H		1478H		1480H		1482C		1484C		1486H		1488H		1490H		1492C		1494C		1496H		1498H		1500H		1502C		1504C		1506H		1508H		1510H		1512C		1514C		1516H		1518H		1520H		1522C		1524C		1526H		1528H		1530H		1532C		1534C		1536H		1538H		1540H		1542C		1544C		1546H		1548H		1550H		1552C		1554C		1556H		1558H		1560H		1562C		1564C		1566H		1568H		1570H		1572C		1574C		1576H		1578H		1580H		1582C		1584C		1586H		1588H		1590H		1592C		1594C		1596H		1598H		1600H		1602C		1604C		1606H		1608H		1610H		1612C		1614C		1616H		1618H		1620H		1622C		1624C		1626H		1628H		1630H		1632C		1634C		1636H		1638H		1640H		1642C		1644C		1646H		1648H		1650H		1652C		1654C		1656H		1658H		1660H		1662C		1664C		1666H		1668H		1670H		1672C		1674C		1676H		1678H		1680H		1682C		1684C		1686H		1688H		1690H		1692C		1694C		1696H		1698H		1700H		1702C		1704C		1706H		1708H		1710H		1712C		1714C		1716H		1718H		1720H		1722C		1724C		1726H		1728H		1730H		1732C		1734C		1736H		1738H		1740H		1742C		1744C		1746H		1748H		1750H		1752C		1754C		1756H		1758H		1760H		1762C		1764C		1766H		1768H		1770H		1772C		1774C		1776H		1778H		1780H		1782C		1784C		1786H		1788H		1790H		1792C		1794C		1796H		1798H		1800H		1802C		1804C		1806H		1808H		1810H		1812C		1814C		1816H		1818H		1820H		1822C		1824C		1826H		1828H		1830H		1832C		1834C		1836H		1838H		1840H		1842C		1844C		1846H		1848H		1850H		1852C		1854C		1856H		1858H		1860H		1862C		1864C		1866H		1868H		1870H		1872C		1874C		1876H		1878H		1880H		1882C		1884C		1886H		1888H		1890H		1892C		1894C		1896H		1898H		1900H		1902C		1904C		1906H		1908H		1910H		1912C		1914C		1916H		1918H		1920H		1922C		1924C		1926H		1928H		1930H		1932C		1934C		1936H		1938H		1940H		1942C		1944C		1946H		1948H		1950H		1952C		1954C		1956H		1958H		1960H		1962C		1964C		1966H		1968H		1970H		1972C		1974C		1976H		1978H		1980H		1982C		1984C		1986H		1988H		1990H		1992C		1994C		1996H		1998H		2000H		2002C		2004C			
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Appendix I

Heavy Division Maintenance Data

Heavy Division Maintenance Data

EQUIPMENT	LIN/	27J	28M	31V	33T	32C	32D	33B	33J	38N	33D	38B	29E	28N	20B	33T	38M	38V	38C	38L	43M	44B
ITEM	QTY	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)	(CRG)
HW DIV IN BH																						
CCB																						
CPB																						
NOB																						
TCAC	1				5.2	952.0																
TCAC W/B	6																					
LD TBE																						
CD TBE																						
LD TCAC																						
CD TCAC	1		21.0	1.2			1186.3	1736.4			145.6			21.0	2.2							
MANHOLFS			21.0	1.2	5.2	952.0	1186.3	1736.4			145.6			21.0	2.2							
MAN YEARS			0.01	0.06	0.06	0.38	0.43	0.84			0.06			0.01	0.00							
SPACES					1			1														
					With HMC-120			E-4														
HW DIV HMC																						
CCB	1		21.0	89.6	866.6	224.0				28.4	33.6		25.8	21.0	0.8	20.3		0.5				
CPB	2		42.0		106.4	448.0						12.7		42.0	0.8	100.0		0.9				
NOB	6				156.0											313.8		38.9				
TCAC																						
TCAC W/B																						
LD TBE																						
CD TBE	1		126.0	52.3	42.4		725.2	1605.6			5.6		49.0	198.9	5.9	7.5						
LD TCAC																						
CD TCAC																						
MANHOLFS			186.0	141.9	971.4	672.0	725.2	1805.6		28.4	39.2	12.7	74.6	261.9	7.5	441.6		40.3				
MAN YEARS			0.09	0.06	0.39	0.37	0.29	0.84		0.01	0.01	0.00	0.03	0.10	0.00	0.16		0.01				
SPACES					900 BH			1					0.03	0.10	0.00	0.16		0.01				
								E-4					With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI
HW DIV TOTALS					1			2														
DB					E-4			E-4														
CB								E-4														

Heavy Division Maintenance Data

EQUIPMENT	LIN	QTY	62C (OS)	62D (OS)	62J (OS)	63W (OS)	64L (OS)	20E (OS)	20H (OS)	20G07 (OS)	30H (OS)	30B (OS)	44B (OS)	62C (OS)	62D (OS)	63J (OS)	63W (OS)	TOTAL QUANTITY (OS)	TOTAL (OS)
HY DIV DR DR																			
CCS																			
OPS																			
MOG																			
TCAC																			
TCAC W/B		1	344.0															344.0	344.0
LD TBE		6																	
CD TBE																			
LD TCAC																			
CD TCAC		1		632.0														632.0	632.0
MANHOLES																			
MAN YEAHS																			
SPACES																			
HY DIV HHC																			
CCS		1	100.2															100.2	100.2
OPS		2	216.4															216.4	216.4
MOG		6																	
TCAC																			
TCAC W/B																			
LD TBE																			
CD TBE																			
LD TCAC		1		105.0														105.0	105.0
CD TCAC																			
MANHOLES																			
MAN YEAHS																			
SPACES																			
HY DIV TOTALS																			
OS																			
OS																			

Appendix J

Light Division Maintenance Data

Light Division Maintenance Data

EQUIPMENT	LIN/		27J	30M	31V	33T	32C	32D	33B	33J	36M	33D	30B	20E	30N	20S	33T	36H	38V	39C	36L	43M	44B
ITEM	LEN		(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	(QTY)	
LT DW IN MM		QTY																					
OPS		1		21.0	88.6	646.6	224.0				28.4	33.6		25.8	21.0	0.8	20.3		0.5				
DPS																							
WOG																							
TCAC		1				5.2	952.0																
TCAC W/S		6																					
LD TBE																							
LD TCAC		1		42.0	105.1	0.6		560.2	1443.4			151.2		49.0	114.9	1.7	3.4					0.6	
CO TCAC																							
MAN-CLIPS				83.0	194.7	672.4	1176.0	560.2	1443.4		28.4	164.8		74.8	135.0	2.5	23.7		0.5			0.6	
MAN YEARS				0.82	0.87	0.26	0.44	0.21	0.83		0.01	0.07		0.03	0.08	0.00	0.01		0.00			0.00	
SPACES		1		E-3	1				1														
					With MHC-120				E-3														
LT DW MHC		QTY																					
OPS		1		21.0	88.6	646.6	224.0				28.4	33.6		25.8	21.0	0.8	20.3		0.5				
DPS		2		42.0		106.4	448.0						12.7		42.0	0.8	100.0		0.9				
WOG		6				158.0											312.8		38.9				
TCAC																							
TCAC W/S																							
LD TBE		1		126.0	52.3	41.2		350.3	2030.6			5.6		49.0	104.9	5.9	0.7					1.2	
CO TCAC																							
LD TCAC																							
CO TCAC																							
MAN-CLIPS				189.0	141.9	970.2	672.0	350.3	2030.6		28.4	39.2	12.7	74.8	261.9	7.5	434.8		40.3			1.2	
MAN YEARS				0.88	0.86	0.39	0.27	0.14	0.82		0.01	0.01	0.00	0.03	0.19	0.00	0.16		0.91			0.00	
SPACES						See MI			1					0.08	0.15	0.00	0.17		0.02			0.00	
									E-3					With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	With MI	
LT DW TOTALS					1				2														
OPS					E-3				E-3														
DPS																							
WOG																							

Light Division Maintenance Data

EQUIPMENT	ITEM	QTY	B3C	B3D	B3J	B3W	B8L	28E	21N	28S07	38H	38M	38B	44B	92C	92D	B3J	B3W	TOTAL QUANTITY		TOTAL	
	LN		(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(OS)	(ORD)	(OS)	TOTAL	
LT DW M8																						
	OS	1	108.2				3.4	9.6	7.0	1.4			4.0		80.3				1083.2	181.0	102.3	1348.8
	OS																					
	OS																					
	OS																					
	OS																					
LT DW M8																						
	OS	1	384.0												219.6				867.2	384.0	219.6	1849.8
	OS	6																				
	OS																					
	OS																					
	OS																					
LT DW M8																						
	OS	1		218.0		378.0		28.1	61.5	0.8			3.2			187.4		245.0	2302.5	767.6	528.0	3586.1
	OS																					
	OS																					
	OS																					
	OS																					
LT DW M8																						
	OS		473.2	218.0		378.0	3.4	37.7	68.5	2.2		7.2		298.8	187.4		245.0	4322.8	1312.6	847.9	6483.4	
	OS		6.18	6.08		0.14	0.00	0.01	0.02	0.00		0.00		0.10	0.06		0.08	1.60	0.48	0.37	2.69	
	OS																					
	OS																					
	OS																					
LT DW M8																						
	OS																					
	OS																					
	OS																					
	OS																					
	OS																					
LT DW M8																						
	OS	1		83.5		538.0	7.0	28.1	88.5	5.6						67.6		324.0	2626.0	882.2	514.8	4023.0
	OS																					
	OS																					
	OS																					
	OS																					
LT DW M8																						
	OS		327.6	83.5		538.0	10.4	37.7	110.5	7.4			4.0		240.9	67.6		324.0	4454.4	1778.0	782.1	7024.4
	OS	6.12	6.03		0.36	6.00	0.01	0.04	0.04	0.00			0.00		0.08	0.02		0.10	1.78	0.68	0.26	2.27
	OS	6.38	6.11		0.34	6.01	0.01	0.02	0.06	0.00			0.00		0.17	0.08		0.18				
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Appendix K
Heavy Corps Maintenance Data

Heavy Corps Maintenance Data

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Appendix L

Airborne Corps Maintenance Data

Airborne Corps Maintenance Data

EQUIPMENT		LIN	QTY	27J	29M	31V	33T	32C	32D	33B	33D	33M	33H	33J	33K	33L	33M	33N	33P	33Q	33R	33S	33T	33U	33V	33W	33X	33Y	33Z	33AA	33AB	33AC	33AD	33AE	33AF	33AG	33AH	33AI	33AJ	33AK	33AL	33AM	33AN	33AO	33AP	33AQ	33AR	33AS	33AT	33AU	33AV	33AW	33AX	33AY	33AZ	33BA	33BB	33BC	33BD	33BE	33BF	33BG	33BH	33BI	33BJ	33BK	33BL	33BM	33BN	33BO	33BP	33BQ	33BR	33BS	33BT	33BU	33BV	33BW	33BX	33BY	33BZ	33CA	33CB	33CC	33CD	33CE	33CF	33CG	33CH	33CI	33CJ	33CK	33CL	33CM	33CN	33CO	33CP	33CQ	33CR	33CS	33CT	33CU	33CV	33CW	33CX	33CY	33CZ	33DA	33DB	33DC	33DD	33DE	33DF	33DG	33DH	33DI	33DJ	33DK	33DL	33DM	33DN	33DO	33DP	33DQ	33DR	33DS	33DT	33DU	33DV	33DW	33DX	33DY	33DZ	33EA	33EB	33EC	33ED	33EE	33EF	33EG	33EH	33EI	33EJ	33EK	33EL	33EM	33EN	33EO	33EP	33EQ	33ER	33ES	33ET	33EU	33EV	33EW	33EX	33EY	33EZ	33FA	33FB	33FC	33FD	33FE	33FF	33FG	33FH	33FI	33FJ	33FK	33FL	33FM	33FN	33FO	33FP	33FQ	33FR	33FS	33FT	33FU	33FV	33FW	33FX	33FY	33FZ	33GA	33GB	33GC	33GD	33GE	33GF	33GG	33GH	33GI	33GJ	33GK	33GL	33GM	33GN	33GO	33GP	33GQ	33GR	33GS	33GT	33GU	33GV	33GW	33GX	33GY	33GZ	33HA	33HB	33HC	33HD	33HE	33HF	33HG	33HH	33HI	33HJ	33HK	33HL	33HM	33HN	33HO	33HP	33HQ	33HR	33HS	33HT	33HU	33HV	33HW	33HX	33HY	33HZ	33IA	33IB	33IC	33ID	33IE	33IF	33IG	33IH	33II	33IJ	33IK	33IL	33IM	33IN	33IO	33IP	33IQ	33IR	33IS	33IT	33IU	33IV	33IW	33IX	33IY	33IZ	33JA	33JB	33JC	33JD	33JE	33JF	33JG	33JH	33JI	33JJ	33JK	33JL	33JM	33JN	33JO	33JP	33JQ	33JR	33JS	33JT	33JU	33JV	33JW	33JX	33JY	33JZ	33KA	33KB	33KC	33KD	33KE	33KF	33KG	33KH	33KI	33KJ	33KK	33KL	33KM	33KN	33KO	33KP	33KQ	33KR	33KS	33KT	33KU	33KV	33KW	33KX	33KY	33KZ	33LA	33LB	33LC	33LD	33LE	33LF	33LG	33LH	33LI	33LJ	33LK	33LM	33LN	33LO	33LP	33LQ	33LR	33LS	33LT	33LU	33LV	33LW	33LX	33LY	33LZ	33MA	33MB	33MC	33MD	33ME	33MF	33MG	33MH	33MI	33MJ	33MK	33ML	33MN	33MO	33MP	33MQ	33MR	33MS	33MT	33MU	33MV	33MW	33MX	33MY	33MZ	33NA	33NB	33NC	33ND	33NE	33NF	33NG	33NH	33NI	33NJ	33NK	33NL	33NM	33NN	33NO	33NP	33NQ	33NR	33NS	33NT	33NU	33NV	33NW	33NX	33NY	33NZ	33OA	33OB	33OC	33OD	33OE	33OF	33OG	33OH	33OI	33OJ	33OK	33OL	33OM	33ON	33OO	33OP	33OQ	33OR	33OS	33OT	33OU	33OV	33OW	33OX	33OY	33OZ	33PA	33PB	33PC	33PD	33PE	33PF	33PG	33PH	33PI	33PJ	33PK	33PL	33PM	33PN	33PO	33PP	33PQ	33PR	33PS	33PT	33PU	33PV	33PW	33PX	33PY	33PZ	33QA	33QB	33QC	33QD	33QE	33QF	33QG	33QH	33QI	33QJ	33QK	33QL	33QM	33QN	33QO	33QP	33QQ	33QR	33QS	33QT	33QU	33QU	33QV	33QW	33QX	33QY	33QZ	33RA	33RB	33RC	33RD	33RE	33RF	33RG	33RH	33RI	33RJ	33RK	33RL	33RM	33RN	33RO	33RP	33RQ	33RR	33RS	33RT	33RU	33RV	33RW	33RX	33RY	33RZ	33SA	33SB	33SC	33SD	33SE	33SF	33SG	33SH	33SI	33SJ	33SK	33SL	33SM	33SN	33SO	33SP	33SQ	33SR	33SS	33ST	33SU	33SV	33SW	33SX	33SY	33SZ	33TA	33TB	33TC	33TD	33TE	33TF	33TG	33TH	33TI	33TJ	33TK	33TL	33TM	33TN	33TO	33TP	33TQ	33TR	33TS	33TT	33TU	33TV	33TW	33TX	33TY	33TZ	33UA	33UB	33UC	33UD	33UE	33UF	33UG	33UH	33UI	33UJ	33UK	33UL	33UM	33UN	33UO	33UP	33UQ	33UR	33US	33UT	33UU	33UV	33UW	33UX	33UY	33UZ	33VA	33VB	33VC	33VD	33VE	33VF	33VG	33VH	33VI	33VJ	33VK	33VL	33VM	33VN	33VO	33VP	33VQ	33VR	33VS	33VT	33VU	33VV	33VW	33VX	33VY	33VZ	33WA	33WB	33WC	33WD	33WE	33WF	33WG	33WH	33WI	33WJ	33WK	33WL	33WM	33WN	33WO	33WP	33WQ	33WR	33WS	33WT	33WU	33WV	33WW	33WX	33WY	33WZ	33XA	33XB	33XC	33XD	33XE	33XF	33XG	33XH	33XI	33XJ	33XK	33XL	33XM	33XN	33XO	33XP	33XQ	33XR	33XS	33XT	33XU	33XV	33XW	33XX	33XY	33XZ	33YA	33YB	33YC	33YD	33YE	33YF	33YG	33YH	33YI	33YJ	33YK	33YL	33YM	33YN	33YO	33YP	33YQ	33YR	33YS	33YT	33YU	33YV	33YW	33YX	33YY	33YZ	33ZA	33ZB	33ZC	33ZD	33ZE	33ZF	33ZG	33ZH	33ZI	33ZJ	33ZK	33ZL	33ZM	33ZN	33ZO	33ZP	33ZQ	33ZR	33ZS	33ZT	33ZU	33ZV	33ZW	33ZX	33ZY	33ZZ	33AA	33AB	33AC	33AD	33AE	33AF	33AG	33AH	33AI	33AJ	33AK	33AL	33AM	33AN	33AO	33AP	33AQ	33AR	33AS	33AT	33AU	33AV	33AW	33AX	33AY	33AZ	33BA	33BB	33BC	33BD	33BE	33BF	33BG	33BH	33BI	33BJ	33BK	33BL	33BM	33BN	33BO	33BP	33BQ	33BR	33BS	33BT	33BU	33BV	33BW	33BX	33BY	33BZ	33CA	33CB	33CC	33CD	33CE	33CF	33CG	33CH	33CI	33CJ	33CK	33CL	33CM	33CN	33CO	33CP	33CQ	33CR	33CS	33CT	33CU	33CV	33CW	33CX	33CY	33CZ	33DA	33DB	33DC	33DD	33DE	33DF	33DG	33DH	33DI	33DJ	33DK	33DL	33DM	33DN	33DO	33DP	33DQ	33DR	33DS	33DT	33DU	33DV	33DW	33DX	33DY	33DZ	33EA	33EB	33EC	33ED	33EE	33EF	33EG	33EH	33EI	33EJ	33EK	33EL	33EM	33EN	33EO	33EP	33EQ	33ER	33ES	33ET	33EU	33EV	33EW	33EX	33EY	33EZ	33FA	33FB	33FC	33FD	33FE	33FF	33FG	33FH	33FI	33FJ	33FK	33FL	33FM	33FN	33FO	33FP	33FQ	33FR	33FS	33FT	33FU	33FV	33FW	33FX	33FY	33FZ	33GA	33GB	33GC	33GD	33GE	33GF	33GG	33GH	33GI	33GJ	33GK	33GL	33GM	33GN	33GO	33GP	33GQ	33GR	33GS	33GT	33GU	33GV	33GW	33GX	33GY	33GZ	33HA	33HB	33HC	33HD	33HE	33HF	33HG	33HH	33HI	33HJ	33HK	33HL	33HM	33HN	33HO	33HP	33HQ	33HR	33HS	33HT	33HU	33HV	33HW	33HX	33HY	33HZ	33IA	33IB	33IC	33ID	33IE	33IF	33IG	33IH	33II	33IJ	33IK	33IL	33IM	33IN	33IO	33IP	33IQ	33IR	33IS	33IT	33IU	33IV	33IW	33IX	33IY	33IZ	33JA	33JB	33JC	33JD	33JE	33JF	33JG	33JH	33JI	33JJ	33JK	33JL	33JM	33JN	33JO	33JP	33JQ	33JR	33JS	33JT	33JU	33JV	33JW	33JX	33JY	33JZ	33KA	33KB	33KC	33KD	33KE	33KF	33KG	33KH	33KI	33KJ	33KK	33KL	33KM	33KN	33KO	33KP	33KQ	33KR	33KS	33KT	33KU	33KV	33KW	33KX	33KY	33KZ	33LA	33LB	33LC	33LD	33LE	33LF	33LG	33LH	33LI	33LJ	33LK	33LM	33LN	33LO	33LP	33LQ	33LR	33LS	33LT	33LU	33LV	33LW	33LX	33LY	33LZ	33MA	33MB	33MC	33MD	33ME	33MF	33MG	33MH	33MI	33MJ	33MK	33ML	33MN	33MO	33MP	33MQ	33MR	33MS	33MT	33MU	33MV	33MW	33MX	33MY	33MZ	33NA	33NB	33NC	33ND	33NE	33NF	33NG	33NH	33NI	33NJ	33NK	33NL	33NM	33NN	33NO	33NP	33NQ	33NR	33NS	33NT	33NU	33NV	33NW	33NX	33NY	33NZ	33OA	33OB	33OC	33OD	33OE	33OF	33OG	33OH	33OI	33OJ	33OK	33OL	33OM	33ON	33OO	33OP	33OQ	33OR	33OS	33OT	33OU	33OV	33OW	33OX	33OY	33OZ	33PA	33PB	33PC	33PD	33PE	33PF	33PG	33PH	33PI	33PJ	33PK	33PL	33PM	33PN	33PO	33PP	33PQ	33PR	33PS	33PT	33PU	33PV	33PW	33PX	33PY	33PZ	33QA	33QB	33QC	33QD	33QE	33QF	33QG	33QH	33QI	33QJ	33QK	33QL	33QM	33QN	33QO	33QP	33QQ	33QR	33QS	33QT	33QU	33QU	33QV	33QW	33QX	33QY	33QZ	33RA	33RB	33RC	33RD	33RE	33RF	33RG	33RH	33RI	33RJ	33RK	33RL	33RM	33RN	33RO	33RP	33RQ	33RR	33RS	33RT	33RU	33RV	33RW	33RX	33RY	33RZ	33SA	33SB	33SC	33SD	33SE	33SF	33SG	33SH	33SI	33SJ	33SK	33SL	33SM	33SN	33SO	33SP	33SQ	33SR	33SS	33ST	33SU	33SV	33SW	33SX	33SY	33SZ	33TA	33TB	33TC	33TD	33TE	33TF	33TG	33TH	33TI	33TJ	33TK	33TL	33TM	33TN	33TO	33TP	33TQ	33TR	33TS	33TT	33TU	33TV	33TW	33TX	33TY	33TZ	33UA	33UB	33UC	33UD	33UE	33UF	33UG	33UH	33UI	33UJ	33UK	33UL	33UM	33UN	33UO	33UP	33UQ	33UR	33US	33UT	33UU	33UV	33UW	33UX	33UY	33UZ	33VA	33VB	33VC	33VD	33VE	33VF	33VG	33VH	33VI	33VJ	33VK	33VL	33VM	33VN	33VO	33VP	33VQ	33VR	33VS	33VT	33VU	33VV	33VW	33VX	33VY	33VZ	33WA	33WB	33WC	33WD	33WE	33WF	33WG	33WH	33WI	33WJ	33WK	33WL	33WM	33WN	33WO	33WP	33WQ	33WR	33WS	33WT	33WU	33WV	33WW	33WX	33WY	33WZ	33XA	33XB	33XC	33XD	33XE	33XF	33XG	33XH	33XI	33XJ	33XK	33XL	33XM	33XN	33XO	33XP	33XQ	33XR	33XS	33XT	33XU	33XV	33XW	33XZ	33YA	33YB	33YC	33YD	33YE	33YF	33YG	33YH	33YI	33YJ	33YK	33YL	33YM	33YN	33YO	33YP	33YQ	33YR	33YS	33YT	33YU	33YV	33YW	33YX	33YZ	33ZA	33ZB	33ZC	33ZD	33ZE	33ZF	33ZG	33ZH	33ZI	33ZJ	33ZK	33ZL	33ZM	33ZN	33ZO	33ZP	33ZQ	33ZR	33ZS	33ZT	33ZU	33ZV	33ZW	33ZX	33ZY	33ZZ	33AA	33AB	33AC	33AD	33AE	33AF	33AG	33AH	33AI	33AJ	33AK	33AL	33AM	33AN	33AO	33AP	33AQ	33AR	33AS	33AT	33AU	33AV	33AW	33AX	33AY	33AZ	33BA	33BB	33BC	33BD	33BE	33BF	33BG	33BH	33BI	33BJ	33BK	33BL	33BM	33BN	33BO	33BP	33BQ	33BR	33BS	33BT	33BU	33BV	33BW	33BX	33BY	33BZ	33CA	33CB	33CC	33CD	33CE	33CF	33CG	33CH	33CI	33CJ	33CK	33CL	33CM	33CN	33CO	33CP	33CQ	33CR	33CS	33CT	33CU	33CV	33CW	33CX	33CY	33CZ	33DA	33DB	33DC	33DD	33DE	33DF	33DG	33DH	33DI	33DJ	33DK	33DL	33DM	33DN	33DO	33DP	33DQ	33DR	33DS	33DT	33DU	33DV	33DW	33DX	33DY	33DZ	33EA	33EB	33EC	33ED	33EE	33EF	33EG	33EH	33EI	33EJ	33EK	33EL	33EM	33EN	33EO	33EP	33EQ	33ER	33ES	33ET	33EU	33EV	33EW	33EX	33EY	33EZ	33FA	33FB	33FC	33FD	33FE	33FF	33FG	33FH	33FI	33FJ	33FK	33FL
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Appendix M

ASAS THS, Promotion, Attrition Factors
by MOS and Grade

--- THS, Attrition, Promotion Factors ---
by MOS & Grade

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
-----	-----	-----	-----	-----
25Q10	E3	0.00000	0.000000	0.00000
	E4	0.00000	0.000000	0.00000
31K	E1	0.04470	0.304650	1.63856
	E2	0.04470	0.262840	1.51237
	E3	0.04470	0.199310	0.70523
	E4	0.04230	0.319000	0.16753
	E5	0.04310	0.149350	0.05341
	E6	0.00000	2.800080	0.00000
	E7	0.00000	0.000000	0.00000
	E8	0.00000	0.000000	0.00000
31V	E1	0.03470	0.293870	1.66360
	E2	0.03470	0.210560	1.44166
	E3	0.03470	0.167830	0.62940
	E4	0.02830	0.319460	0.10778
	E5	0.03960	0.165520	0.04591
	E6	0.00000	1.090880	0.36359
	E7	0.00000	0.759490	0.20255
	E8	0.00000	0.216260	0.10811
33T	E1	0.07200	0.300230	2.00597
	E2	0.07200	0.229200	1.43872
	E3	0.07200	0.133270	0.73748
	E4	0.02560	0.177520	0.19518
	E5	0.02780	0.162870	0.16821
	E6	0.02600	0.085920	0.10191
	E7	0.02870	0.098590	0.03690
	E8	0.00000	4.000000	0.00000
350B	W1	0.04710	0.000000	0.50000
	W2	0.05170	0.063000	0.16380
	W3	0.16460	0.094000	0.13540
	W4	0.09090	0.177000	0.00000
351B	W1	0.03330	0.005000	0.47780
	W2	0.06670	0.106000	0.12000
	W3	0.10670	0.144000	0.06670
	W4	0.13040	0.133000	0.00000
352C	W1	0.07140	0.000000	0.42860
	W2	0.06740	0.063000	0.19660
	W3	0.04550	0.186000	0.01140
	W4	0.06940	0.267000	0.00000
352G	W1	0.11110	0.000000	0.44440
	W2	0.11110	0.061000	0.07780
	W3	0.05000	0.111000	0.05000
	W4	0.08000	0.167000	0.00000

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
352H	W1	0.08720	0.000000	0.50000
	W2	0.10000	0.067000	0.25000
	W3	0.10000	0.059000	0.00000
	W4	0.00000	0.000000	0.00000
352J	W1	0.12510	0.000000	0.42860
	W2	0.13040	0.109000	0.26040
	W3	0.05600	0.143000	0.05880
	W4	0.00000	0.143000	0.00000
35A	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35B	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35C	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35D	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35E	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372
	O5	0.08020	0.108720	0.17181
35G	O1	0.17230	0.071690	0.49540
	O2	0.17230	0.071690	0.49540
	O3	0.17490	0.057570	0.15966
	O4	0.12140	0.072670	0.13372

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
52C	E1	0.03140	0.304610	1.53975
	E2	0.03140	0.213800	1.48014
	E3	0.03140	0.189090	0.72155
	E4	0.02880	0.288170	0.14479
	E5	0.02330	0.108950	0.03653
	E6	0.02730	0.073270	0.04731
	E7	0.00000	0.923030	0.00000
	E8	0.00000	0.000000	0.00000
52D	E1	0.03410	0.295310	1.53830
	E2	0.03410	0.224800	1.50047
	E3	0.03410	0.173810	0.73469
	E4	0.02300	0.278410	0.04594
	E5	0.02910	0.142360	0.01187
	E6	0.02640	0.087550	0.01678
	E7	0.00000	0.987690	0.00000
	E8	0.00000	0.000000	0.00000
54A	O1	0.18040	0.061900	0.75050
	O2	0.18040	0.061900	0.75050
	O3	0.18040	0.061900	0.75050
	O4	0.18040	0.051400	0.17250
63B	E1	0.03760	0.392900	1.63794
	E2	0.03760	0.212930	1.47961
	E3	0.03760	0.157150	0.72497
	E4	0.02480	0.241330	0.13730
	E5	0.02180	0.132880	0.10207
	E6	0.02580	0.073270	0.20377
	E7	0.02480	0.112800	0.05546
	E8	0.04250	0.164270	0.01576
63J	E1	0.02810	0.422990	1.60437
	E2	0.02810	0.252300	1.43069
	E3	0.02810	0.194700	0.76066
	E4	0.02380	0.195960	0.02673
	E5	0.02030	0.107090	0.02105
63W	E1	0.02580	0.312280	1.65451
	E2	0.02580	0.177180	1.49234
	E3	0.02580	0.142340	0.73464
	E4	0.01700	0.217700	0.09359
	E5	0.02480	0.123400	0.13175
	E6	0.00000	0.727240	0.00000
	E7	0.00000	0.000000	0.00000
	E8	0.00000	0.000000	0.00000
71L10	E3	0.00000	0.000000	0.00000
	E4	0.00000	0.000000	0.00000
71L20	E5	0.00000	0.000000	0.00000

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
96B	E1	0.12390	0.314490	1.68889
	E2	0.12390	0.161540	1.51925
	E3	0.12390	0.147860	0.80147
	E4	0.02720	0.162040	0.47218
	E5	0.03250	0.162320	0.09476
	E6	0.04350	0.092400	0.07538
	E7	0.05080	0.072830	0.06804
	E8	0.10920	0.197170	0.07755
96D	E1	0.08750	0.450810	1.58197
	E2	0.08750	0.311940	1.20865
	E3	0.08750	0.130720	0.76993
	E4	0.05130	0.244010	0.36839
	E5	0.04340	0.166400	0.19771
	E6	0.05730	0.145210	0.02114
	E7	0.10880	0.124760	0.03845
	E8	0.09380	0.247500	0.06182
96R	E1	0.06230	0.343830	1.82085
	E2	0.06230	0.139210	1.67008
	E3	0.06230	0.114480	0.74699
	E4	0.02670	0.119640	0.10256
	E5	0.02480	0.098410	0.03204
	E6	0.05360	0.063200	0.07576
	E7	0.11360	0.102990	0.17836
	E8	0.12120	0.096500	0.09655
97B	E1	0.05910	0.149840	1.05337
	E2	0.05910	0.149840	1.05337
	E3	0.05910	0.149840	1.05337
	E4	0.05890	0.155070	0.50184
	E5	0.07250	0.198200	0.06556
	E6	0.00000	0.215510	0.01806
	E7	0.00000	0.168520	0.03846
	E8	0.00000	0.362970	0.02047
97G	E1	0.05910	0.262840	0.91431
	E2	0.05910	0.262840	0.91431
	E3	0.05910	0.262840	0.91431
	E4	0.05890	0.305750	0.26113
	E5	0.07250	0.336060	0.05047
	E6	0.00000	0.166370	0.02575
	E7	0.00000	0.114250	0.06350
	E8	0.00000	0.133330	0.00000

--- THS, Attrition, Promotion Factors --
by MOS & Grade

MOS	GRADE	THS	ATTRITION	PROMOTION
98C	E1	0.12120	0.319680	1.85322
	E2	0.12120	0.269100	1.29822
	E3	0.12120	0.166590	0.66356
	E4	0.03740	0.201290	0.33722
	E5	0.05360	0.232300	0.07365
	E6	0.03780	0.106440	0.03250
	E7	0.05850	0.085550	0.05989
	E8	0.00000	0.222200	0.00000
98G	E1	0.22390	0.326890	1.81370
	E2	0.22390	0.402370	1.18155
	E3	0.22390	0.248280	0.69511
	E4	0.04130	0.264820	0.42588
	E5	0.04040	0.281900	0.14572
	E6	0.04660	0.090700	0.07255
	E7	0.04600	0.074500	0.04411
	E8	0.00000	0.816290	0.04082
98H	E1	0.04440	0.134870	1.93262
	E2	0.04440	0.134870	1.93262
	E3	0.04440	0.134870	1.93262
	E4	0.01680	0.381530	0.11476
	E5	0.03010	0.299130	0.04655
	E6	0.02050	0.091060	0.14026
	E7	0.04110	0.090160	0.08013
	E8	0.00000	0.090160	0.08013
98J	E1	0.03680	0.319610	1.72322
	E2	0.03680	0.231170	1.51617
	E3	0.03680	0.093810	0.77803
	E4	0.02390	0.195310	0.23965
	E5	0.04420	0.136610	0.00884
	E6	0.06270	0.111990	0.03144
	E7	0.06150	0.077040	0.03473
	E8	0.00000	0.000000	0.00000
98Z50	E8	0.09380	0.208350	0.05422
	E9	0.09380	0.433970	0.00000

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Appendix N

ASAS Block I Baseline

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS --
for Assigned Positions

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
ASAS BLOCK 1		21		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
25Q10	E3	1.00	1.0000	0.0000
33T	E3	1.00	1.0776	0.9383
	E4	1.00	1.0263	0.3825
	E5	1.00	1.0286	0.3405
350B	W2	1.00	1.0545	0.2392
		2.00	2.1090	0.4783
		3.00	3.1636	0.7175
	W4	1.00	1.1000	0.1947
351B	W2	1.00	1.0715	0.2422
352C	W2	1.00	1.0723	0.2784
	W4	1.00	1.0746	0.2869
352G	W2	1.00	1.1250	0.1561
	W4	1.00	1.0870	0.1815
352H	W2	1.00	1.1111	0.3522
352J	W2	1.00	1.1500	0.4248
	W4	1.00	1.0000	0.1430
35A	O2	1.00	1.2082	0.6851
	O3	1.00	1.2120	0.2633
35B	O3	1.00	1.2120	0.2633
35C	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
35D	O3	1.00	1.2120	0.2633
		2.00	2.4239	0.5266
	O4	1.00	1.1382	0.2349
	O5	1.00	1.0872	0.3050
35E	O3	1.00	1.2120	0.2633
35G	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
52C	E4	1.00	1.0297	0.4458
52D	E4	1.00	1.0235	0.3320
	E5	1.00	1.0300	0.1589

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
ASAS BLOCK 1		21		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
63B	E3	1.00	1.0391	0.9166
	E4	1.00	1.0254	0.3883
	E5	1.00	1.0223	0.2402
71L10	E4	1.00	1.0000	0.0000
		2.00	2.0000	0.0000
71L20	E5	1.00	1.0000	0.0000
96B10	E3	1.00	1.1414	1.0836
		2.00	2.2828	2.1672
		3.00	3.4243	3.2508
	E4	1.00	1.0280	0.6520
		2.00	2.0559	1.3039
		3.00	3.0839	1.9559
96B20	E4	1.00	1.0280	0.6520
	E5	1.00	1.0336	0.2657
96B30	E6	1.00	1.0455	0.1754
96B40	E7	1.00	1.0535	0.1484
96B50	E8	1.00	1.1226	0.3084
96D10	E3	1.00	1.0959	0.9870
	E4	1.00	1.0541	0.6455
96D20	E5	1.00	1.0454	0.3806
96D30	E6	1.00	1.0608	0.1765
96D40	E7	1.00	1.1221	0.1831
96R40	E7	1.00	1.1282	0.3174
97B20	E5	1.00	1.0782	0.2844
97B30	E6	1.00	1.0000	0.2336
98C10	E3	1.00	1.1379	0.9446
		2.00	2.2758	1.8893
	E4	1.00	1.0389	0.5594
		2.00	2.0777	1.1189
98C1L	E4	2.00	2.0777	1.1189

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
ASAS BLOCK 1		21		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
98C20	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
	E6	1.00	1.0393	0.1444
98C2L	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
98C30	E6	1.00	1.0393	0.1444
98C3L	E6	1.00	1.0393	0.1444
98C40	E7	1.00	1.0621	0.1545
98C4L	E7	1.00	1.0621	0.1545
98G1L	E4	1.00	1.0431	0.7205
		2.00	2.0862	1.4409
98G2L	E5	1.00	1.0421	0.4456
98G3L	E6	1.00	1.0489	0.1712
98G4L	E7	1.00	1.0482	0.1243
98H20	E5	1.00	1.0310	0.3564
98J10	E3	1.00	1.0382	0.9051
		2.00	2.0764	1.8103
	E4	1.00	1.0245	0.4456
		2.00	2.0490	0.8912
		3.00	3.0735	1.3368
98J20	E5	1.00	1.0462	0.1522
98J30	E6	1.00	1.0669	0.1530
98J40	E7	1.00	1.0655	0.1191
98Z50	E8	1.00	1.1035	0.2897
	E9	1.00	1.1035	0.4789

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

ALTERNATIVE	ALTERN ID				
ASAS BLOCK 1	21				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
MAINTAINER	UNDEF	ENLISTED	36	37.25	18.5
		Sum	36	37.25	18.5
OFFLINE	MSNSUP	OFFICER	35	41.09	9.0
		WARRANT	9	9.95	2.0
		Sum	44	51.04	10.9
	UNDEF	ENLISTED	398	421.39	200.2
		OFFICER	60	72.16	19.8
		WARRANT	39	41.20	9.0
		Sum	497	534.76	229.0
OPERATOR	CCS	ENLISTED	28	29.36	10.9
		Sum	28	29.36	10.9
	CEI	ENLISTED	108	113.20	28.5
		WARRANT	24	26.44	7.6
		Sum	132	139.64	36.1
	SPV/FMR/MRA	ENLISTED	7	7.45	0.9
		OFFICER	6	7.20	1.6
		WARRANT	9	9.67	2.6
		Sum	22	24.32	5.0
	TCAC	ENLISTED	64	68.47	37.9
		Sum	64	68.47	37.9
	TSE OPER	ENLISTED	69	72.36	20.3
		OFFICER	3	3.64	0.8
		WARRANT	38	41.30	9.8
		Sum	110	117.30	30.9

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----	-----			
ABN CTCAE	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	1	1.14	0.2
		WARRANT	1	1.11	0.4
	UNDEF	ENLISTED	20	21.23	10.0
OPERATOR	CEI	ENLISTED	8	8.40	2.0
		WARRANT	4	4.34	1.0
	TCAC	ENLISTED	8	8.46	4.2
		Sum	42	44.69	17.8

ABN CTSE	ASAS BLOCK 1				
-----	-----	-----			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	2	2.30	0.6
	UNDEF	ENLISTED	23	24.64	12.8
		OFFICER	9	10.69	2.3
		WARRANT	7	7.43	1.8
OPERATOR	CCS	ENLISTED	2	2.11	0.6
	SPV/FMR/MRA	OFFICER	1	1.14	0.2
		WARRANT	1	1.07	0.3
	TSE OPER	ENLISTED	6	6.26	1.3
		WARRANT	4	4.22	1.0
		Sum	55	59.86	20.8

ABN MAINT HHS	ASAS BLOCK 1				
-----	-----	-----			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	4	4.11	1.2
		Sum	4	4.11	1.2

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----				
CTAE CO	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	4	4.85	1.1
	UNDEF	ENLISTED	80	83.33	35.0
		WARRANT	8	8.30	1.7
OPERATOR	CEI	ENLISTED	20	20.93	5.7
		WARRANT	4	4.32	0.9
	TCAC	ENLISTED	16	16.86	8.5
		Sum	132	138.59	52.9

CTSE CO	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	4	4.45	1.1
	UNDEF	ENLISTED	54	57.24	26.1
		OFFICER	26	31.22	6.7
		WARRANT	16	16.73	3.6
OPERATOR	CCS	ENLISTED	4	4.19	1.8
	SPV/FMR/MRA	ENLISTED	2	2.12	0.3
		OFFICER	2	2.42	0.5
	TSE OPER	ENLISTED	12	12.50	3.1
		WARRANT	8	8.44	1.9
		Sum	128	139.33	45.2

HV CPS MAINT HHS	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	8	8.34	5.3
		Sum	8	8.34	5.3

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----	-----			
HV DIV HHC	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	5	5.13	1.9
OFFLINE	MSNSUP	OFFICER	10	11.75	2.5
	UNDEF	ENLISTED	55	58.83	28.5
		OFFICER	25	30.26	10.8
OPERATOR	CCS	ENLISTED	10	10.48	4.4
	SPV/FMR/MRA	ENLISTED	5	5.33	0.6
		WARRANT	5	5.37	1.4
	TSE OPER	ENLISTED	30	31.55	10.4
		WARRANT	20	22.12	5.5
		Sum	165	180.82	66.1
HV DIV MI BN	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	10	10.26	3.9
OFFLINE	MSNSUP	OFFICER	5	5.69	1.2
		WARRANT	5	5.62	0.8
	UNDEF	ENLISTED	115	120.89	59.0
		WARRANT	5	5.36	1.4
OPERATOR	CEI	ENLISTED	50	52.58	10.1
		WARRANT	10	11.11	3.5
	TCAC	ENLISTED	40	43.15	25.2
		Sum	240	254.66	105.0

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----				
LT DIV HHC	ASAS BLOCK 1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	3	3.12	2.7
OFFLINE	MSNSUP	OFFICER	6	7.27	1.6
	UNDEF	ENLISTED	12	13.09	6.5
OPERATOR	CCS	ENLISTED	6	6.29	1.4
	SPV/FMR/MRA	OFFICER	3	3.64	0.8
		WARRANT	3	3.22	0.9
	TSE OPER	ENLISTED	21	22.04	5.6
		OFFICER	3	3.64	0.8
		WARRANT	6	6.52	1.4
		Sum	63	68.83	21.7

POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
LT DIV MI BN	ASAS BLOCK 1				
MAINTAINER	UNDEF	ENLISTED	6	6.30	3.5
OFFLINE	MSNSUP	OFFICER	3	3.64	0.8
		WARRANT	3	3.22	0.8
	UNDEF	ENLISTED	39	42.14	22.4
		WARRANT	3	3.37	0.5
OPERATOR	CCS	ENLISTED	6	6.29	2.6
	CEI	ENLISTED	30	31.29	10.7
		WARRANT	6	6.67	2.1
		Sum	96	102.91	43.5

-- ALL MOS(s) SORTED BY POSITIONS, GRADES AND UTOE --
SUMMARIZED BY FORCE

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
25Q10	OFFLINE	E3	2	2.0	0.0	CTSE CO
			2	2.0	0.0	
33T	MAINTAINER	E3	2	2.2	1.9	HV CPS MAINT HHS
			3	3.2	2.8	LT DIV MI BN
			5	5.4	4.7	
		E4	5	5.1	1.9	HV DIV MI BN
			5	5.1	1.9	
		E5	1	1.0	0.3	ABN MAINT HHS
			1	1.0	0.3	
350B	OFFLINE	W2	4	4.2	1.0	ABN CTSE
			8	8.4	1.9	CTSE CO
			12	12.7	2.9	
	OPERATOR	W2	4	4.2	1.0	ABN CTSE
			8	8.4	1.9	CTSE CO
			12	12.7	2.9	
		W4	10	11.0	1.9	HV DIV HHC
			3	3.3	0.6	LT DIV HHC
			13	14.3	2.5	
351B	OFFLINE	W2	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
352C	OFFLINE	W2	2	2.1	0.6	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
			-----	-----	-----	
			10	10.7	2.8	
		W4	4	4.3	1.1	CTAE CO
			4	4.3	1.1	CTSE CO
			-----	-----	-----	
			8	8.6	2.3	
	OPERATOR	W2	3	3.2	0.8	ABN CTCAE
			1	1.1	0.3	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
			-----	-----	-----	
			12	12.9	3.3	
		W4	2	2.1	0.6	CTAE CO
			10	10.7	2.9	HV DIV HHC
			6	6.4	1.7	LT DIV HHC
			-----	-----	-----	
			18	19.3	5.2	
352G	OFFLINE	W2	5	5.6	0.8	HV DIV MI BN
			3	3.4	0.5	LT DIV MI BN
			-----	-----	-----	
			8	9.0	1.2	
	OPERATOR	W2	1	1.1	0.2	ABN CTCAE
			-----	-----	-----	
			1	1.1	0.2	
		W4	2	2.2	0.4	CTAE CO
			-----	-----	-----	
			2	2.2	0.4	
352H	OFFLINE	W2	1	1.1	0.4	ABN CTCAE
			-----	-----	-----	
			1	1.1	0.4	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
352J	OFFLINE	W4	4	4.0	0.6	CTAE CO
			4	4.0	0.6	CTSE CO
			8	8.0	1.1	
	OPERATOR	W2	5	5.7	2.1	HV DIV HHC
			5	5.7	2.1	HV DIV MI BN
			3	3.4	1.3	LT DIV MI BN
			13	14.9	5.5	
35A	OFFLINE	02	10	12.1	6.9	HV DIV HHC
			10	12.1	6.9	
		03	3	3.6	0.8	LT DIV HHC
			3	3.6	0.8	
35B	OFFLINE	03	2	2.4	0.5	CTSE CO
			2	2.4	0.5	
35C	OFFLINE	03	1	1.2	0.3	ABN CTSE
			4	4.8	1.1	CTSE CO
			5	6.1	1.3	HV DIV HHC
			10	12.1	2.6	
	OPERATOR	03	3	3.6	0.8	LT DIV HHC
			3	3.6	0.8	
		04	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
35D	OFFLINE	03	5	6.1	1.3	ABN CTSE
			4	4.8	1.1	CTAE CO
			6	7.3	1.6	CTSE CO
			5	6.1	1.3	HV DIV HHC
			3	3.6	0.8	LT DIV HHC
			-----	-----	-----	
			23	27.9	6.1	
		04	3	3.4	0.7	ABN CTSE
			4	4.6	0.9	CTSE CO
			5	5.7	1.2	HV DIV HHC
			-----	-----	-----	
			12	13.7	2.8	
		05	1	1.1	0.3	ABN CTSE
			2	2.2	0.6	CTSE CO
			-----	-----	-----	
			3	3.3	0.9	
35E	OFFLINE	03	2	2.4	0.5	CTSE CO
			-----	-----	-----	
			2	2.4	0.5	
35G	OFFLINE	03	1	1.2	0.3	ABN CTSE
			8	9.7	2.1	CTSE CO
			10	12.1	2.6	HV DIV HHC
			3	3.6	0.8	LT DIV MI BN
			-----	-----	-----	
			22	26.7	5.8	
		04	1	1.1	0.2	ABN CTCAE
			2	2.3	0.5	CTSE CO
			5	5.7	1.2	HV DIV MI BN
			-----	-----	-----	
			8	9.1	1.9	
	OPERATOR	03	2	2.4	0.5	CTSE CO
			3	3.6	0.8	LT DIV HHC
			-----	-----	-----	
			5	6.1	1.3	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
52C	MAINTAINER	E4	1	1.0	0.4	ABN MAINT HHS
			2	2.1	0.9	HV CPS MAINT HHS
			-----	-----	-----	
			3	3.1	1.3	
52D	MAINTAINER	E4	2	2.0	0.7	HV CPS MAINT HHS
			-----	-----	-----	
			2	2.0	0.7	
		E5	1	1.0	0.2	ABN MAINT HHS
			-----	-----	-----	
			1	1.0	0.2	
63B	MAINTAINER	E3	2	2.1	1.8	HV CPS MAINT HHS
			3	3.1	2.7	LT DIV HHC
			-----	-----	-----	
			5	5.2	4.6	
		E4	5	5.1	1.9	HV DIV HHC
			5	5.1	1.9	HV DIV MI BN
			-----	-----	-----	
			10	10.3	3.9	
		E5	1	1.0	0.2	ABN MAINT HHS
			3	3.1	0.7	LT DIV MI BN
			-----	-----	-----	
			4	4.1	1.0	
71L10	OFFLINE	E4	2	2.0	0.0	ABN CTCAE
			2	2.0	0.0	ABN CTSE
			8	8.0	0.0	CTAE CO
			6	6.0	0.0	CTSE CO
			10	10.0	0.0	HV DIV HHC
			15	15.0	0.0	HV DIV MI BN
			3	3.0	0.0	LT DIV MI BN
			-----	-----	-----	
			46	46.0	0.0	
71L20	OFFLINE	E5	2	2.0	0.0	CTSE CO
			-----	-----	-----	
			2	2.0	0.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
96B10	OFFLINE	E3	4	4.6	4.3	ABN CTSE
			12	13.7	13.0	CTSE CO
			15	17.1	16.3	HV DIV HHC
			5	5.7	5.4	HV DIV MI BN
			3	3.4	3.3	LT DIV HHC
			-----	-----	-----	
			39	44.5	42.3	
		E4	3	3.1	2.0	ABN CTSE
			4	4.1	2.6	CTAE CO
			10	10.3	6.5	CTSE CO
			10	10.3	6.5	HV DIV HHC
			5	5.1	3.3	HV DIV MI BN
			3	3.1	2.0	LT DIV HHC
			-----	-----	-----	
			35	36.0	22.8	
	OPERATOR	E4	5	5.1	3.3	HV DIV HHC
			3	3.1	2.0	LT DIV HHC
			3	3.1	2.0	LT DIV MI BN
			-----	-----	-----	
			11	11.3	7.2	
96B20	OFFLINE	E5	4	4.1	1.1	CTAE CO
			5	5.2	1.3	HV DIV MI BN
			-----	-----	-----	
			9	9.3	2.4	
	OPERATOR	E4	5	5.1	3.3	HV DIV HHC
			-----	-----	-----	
			5	5.1	3.3	
		E5	3	3.1	0.8	ABN CTSE
			6	6.2	1.6	CTSE CO
			5	5.2	1.3	HV DIV HHC
			6	6.2	1.6	LT DIV HHC
			3	3.1	0.8	LT DIV MI BN
			-----	-----	-----	
			23	23.8	6.1	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96B30	OFFLINE	E6	2	2.1	0.4	CTSE CO
			2	2.1	0.4	
	OPERATOR	E6	1	1.0	0.2	ABN CTSE
			2	2.1	0.4	CTSE CO
			5	5.2	0.9	HV DIV HHC
			6	6.3	1.1	LT DIV HHC
			14	14.6	2.5	
96B40	OFFLINE	E7	5	5.3	0.7	HV DIV HHC
			5	5.3	0.7	
	OPERATOR	E7	1	1.1	0.1	ABN CTSE
			5	5.3	0.7	HV DIV HHC
			5	5.3	0.7	HV DIV MI BN
			11	11.6	1.6	
96B50	OFFLINE	E8	2	2.2	0.6	ABN CTSE
			2	2.2	0.6	CTSE CO
			4	4.5	1.2	
96D10	OFFLINE	E3	1	1.1	1.0	ABN CTSE
			2	2.2	2.0	CTAE CO
			3	3.3	3.0	
		E4	4	4.2	2.6	CTAE CO
			4	4.2	2.6	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE ALTE ID

ASAS BLOCK 1 21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96D20	OFFLINE	E5	2	2.1	0.8	ABN CTSE CTAE CO
			2	2.1	0.8	
			4	4.2	1.5	
	OPERATOR	E5	2	2.1	0.8	CTSE CO
			2	2.1	0.8	
96D30	OPERATOR	E6	1	1.1	0.2	ABN CTSE CTSE CO
			2	2.1	0.4	
			3	3.2	0.5	
96D40	OPERATOR	E7	5	5.6	0.9	HV DIV HHC LT DIV HHC
			3	3.4	0.5	
			8	9.0	1.5	
96R40	OFFLINE	E7	5	5.6	1.6	HV DIV HHC LT DIV HHC
			3	3.4	1.0	
			8	9.0	2.5	
97B20	OFFLINE	E5	1	1.1	0.3	ABN CTSE
			1	1.1	0.3	
97B30	OFFLINE	E6	1	1.0	0.2	ABN CTSE
			1	1.0	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE ALTE ID

ASAS BLOCK 1 21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C10	OFFLINE	E3	4	4.6	3.8	ABN CTCAE
			1	1.1	0.9	ABN CTSE
			2	2.3	1.9	CTAE CO
			15	17.1	14.2	HV DIV MI BN
			15	17.1	14.2	LT DIV MI BN
			-----	-----	-----	
			37	42.1	35.0	
		E4	3	3.1	1.7	ABN CTCAE
			3	3.1	1.7	ABN CTSE
			12	12.5	6.7	CTAE CO
			2	2.1	1.1	CTSE CO
			5	5.2	2.8	HV DIV HHC
			15	15.6	8.4	HV DIV MI BN
			3	3.1	1.7	LT DIV MI BN
			-----	-----	-----	
			43	44.7	24.1	
	OPERATOR	E3	1	1.1	0.9	ABN CTCAE
			2	2.3	1.9	CTAE CO
			15	17.1	14.2	HV DIV MI BN
			-----	-----	-----	
			18	20.5	17.0	
		E4	4	4.2	2.2	ABN CTCAE
			4	4.2	2.2	CTAE CO
			2	2.1	1.1	CTSE CO
			5	5.2	2.8	HV DIV HHC
			10	10.4	5.6	HV DIV MI BN
			9	9.3	5.0	LT DIV MI BN
			-----	-----	-----	
			34	35.3	19.0	
98C1L	OPERATOR	E4	8	8.3	4.5	CTAE CO
			-----	-----	-----	
			8	8.3	4.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C20	OFFLINE	E5	1	1.1	0.3	ABN CTCAE
			1	1.1	0.3	ABN CTSE
			2	2.1	0.6	
		E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	
	OPERATOR	E5	8	8.5	2.6	ABN CTCAE
			2	2.1	0.6	ABN CTSE
			5	5.3	1.6	HV DIV HHC
			25	26.4	8.1	HV DIV MI BN
			3	3.2	1.0	LT DIV HHC
			3	3.2	1.0	LT DIV MI BN
			46	48.6	14.9	
98C2L	OFFLINE	E5	4	4.2	1.3	CTAE CO
			2	2.1	0.6	CTSE CO
			6	6.3	1.9	
	OPERATOR	E5	10	10.6	3.2	CTAE CO
			2	2.1	0.6	CTSE CO
			6	6.3	1.9	LT DIV MI BN
			18	19.0	5.8	
98C30	OFFLINE	E6	3	3.1	0.4	LT DIV MI BN
			3	3.1	0.4	
	OPERATOR	E6	1	1.0	0.1	ABN CTCAE
			5	5.2	0.7	HV DIV MI BN
			6	6.2	0.9	LT DIV HHC
			12	12.5	1.7	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98C3L	OFFLINE	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			4	4.2	0.6	
	OPERATOR	E6	2	2.1	0.3	ABN CTCAE
			4	4.2	0.6	CTAE CO
			10	10.4	1.4	HV DIV MI BN
			3	3.1	0.4	LT DIV MI BN
			19	19.7	2.7	
98C40	OFFLINE	E7	1	1.1	0.2	ABN CTCAE
			1	1.1	0.2	ABN CTSE
			2	2.1	0.3	CTAE CO
			4	4.2	0.6	
	OPERATOR	E7	2	2.1	0.3	CTSE CO
			5	5.3	0.8	HV DIV MI BN
			7	7.4	1.1	
98C4L	OFFLINE	E7	2	2.1	0.3	CTAE CO
			2	2.1	0.3	
98G1L	OFFLINE	E4	3	3.1	2.2	ABN CTCAE
			5	5.2	3.6	HV DIV MI BN
			3	3.1	2.2	LT DIV MI BN
			11	11.5	7.9	
98G2L	OFFLINE	E5	2	2.1	0.9	ABN CTCAE
			10	10.4	4.5	HV DIV MI BN
			6	6.3	2.7	LT DIV MI BN
			18	18.8	8.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98G3L	OFFLINE	E6	2	2.1	0.3	ABN CTCAE
			2	2.1	0.3	
98G4L	OFFLINE	E7	3	3.1	0.4	LT DIV MI BN
			3	3.1	0.4	
98H20	OFFLINE	E5	1	1.0	0.4	ABN CTCAE
			5	5.2	1.8	HV DIV MI BN
			6	6.2	2.1	
98J10	OFFLINE	E3	8	8.3	7.2	CTAE CO
			5	5.2	4.5	HV DIV MI BN
			13	13.5	11.8	
		E4	14	14.3	6.2	CTAE CO
			4	4.1	1.8	CTSE CO
			20	20.5	8.9	HV DIV MI BN
			38	38.9	16.9	
	OPERATOR	E4	2	2.0	0.9	CTAE CO
			5	5.1	2.2	HV DIV MI BN
			3	3.1	1.3	LT DIV MI BN
			10	10.2	4.5	
98J20	OFFLINE	E5	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			5	5.2	0.8	HV DIV MI BN
			9	9.4	1.4	
	OPERATOR	E5	6	6.3	0.9	CTAE CO
			5	5.2	0.8	HV DIV MI BN
			3	3.1	0.5	LT DIV MI BN
			14	14.6	2.1	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
ASAS BLOCK 1	21

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98J30	OFFLINE	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			4	4.3	0.6	
	OPERATOR	E6	5	5.3	0.8	HV DIV MI BN
			3	3.2	0.5	LT DIV MI BN
			8	8.5	1.2	
	OFFLINE	E7	2	2.1	0.2	CTAE CO
			2	2.1	0.2	CTSE CO
			5	5.3	0.6	HV DIV HHC
			3	3.2	0.4	LT DIV HHC
			12	12.8	1.4	
98J40	OPERATOR	E7	5	5.3	0.6	HV DIV HHC
			5	5.3	0.6	
	OFFLINE	E8	1	1.1	0.3	ABN CTCAE
			2	2.2	0.6	CTAE CO
			3	3.3	0.9	LT DIV MI BN
			6	6.6	1.7	
			1	1.1	0.5	ABN CTSE
			2	2.2	1.0	CTSE CO
			5	5.5	2.4	HV DIV MI BN
			8	8.8	3.8	

-- TRAINING ALTERNATIVES --

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1			
Base Course Number	1023310			
Scenario Description	33T (CURR+NSG)	33T (CURR, OCS3)	33T (CURR+OP, OCS3)	
Scenario Number	90	91	92	
Predecessor Grads	0.00	0.00	0.00	
Current Grads	141	141	141	
New System Grads	6.90	6.90	6.90	
Attrition Rate	.21	.21	.21	
Course Length In Hours	1413	1413	1653	
Instructor Contact Hours	2705	2705	2945	
Normalized Grads	122	123	123	
Optimum Class Size	8	3	3	
Cost Per Grad	\$91,946	\$104,376	\$111,454	
System Specific Cost	\$634,424	\$720,196	\$769,032	
Total Course Cost	\$13,598,745	\$15,437,249	\$16,484,030	
System Instructors	2.73	7.17	7.79	
Total Instructors	51.27	122.31	131.82	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1		
Base Course Number	243-96B10		
Scenario Description	CCSEN (AUG 89)	CCSEN (CURR, OCS7)	CCSEN (CURR+OP, OCS7)
Scenario Number	54	55	56
Predecessor Grads	10.80	10.80	10.80
Current Grads	527	527	527
New System Grads	10.80	10.80	10.80
Attrition Rate	.22	.22	.22
Course Length In Hours	530	530	760
Instructor Contact Hours	1241	1241	1886
Normalized Grads	643	643	643
Optimum Class Size	36	7	7
Cost Per Grad	\$15,459	\$23,255	\$32,145
System Specific Cost	\$166,953	\$251,159	\$347,161
Total Course Cost	\$8,146,676	\$12,255,616	\$16,940,182
System Instructors	0.44	2.27	3.44
Total Instructors	20.37	90.43	130.71

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1		WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)
Base Course Number	243-96B10			
Scenario Description				
Scenario Number		66	67	68
Predecessor Grads		20.40	20.40	20.40
Current Grads		527	527	527
New System Grads		20.40	20.40	20.40
Attrition Rate		.22	.22	.22
Course Length In Hours		530	530	895
Instructor Contact Hours		1241	1241	2496
Normalized Grads		643	643	643
Optimum Class Size		36	12	12
Cost Per Grad		\$15,459	\$19,223	\$31,056
System Specific Cost		\$315,355	\$392,141	\$633,537
Total Course Cost		\$8,146,676	\$10,130,302	\$16,366,368
System Instructors		0.84	2.50	4.99
Total Instructors		20.37	56.03	104.10

-- TRAINING ALTERNATIVES --

ALTERNATIVE		ASAS BLOCK 1	
Base Course Number	243-96B10		
Scenario Description	CEIEN (DRAFT)	CEIEN (CURR, OCS12)	CEIEN (CURR+OP, OCS12)
Scenario Number	84	85	86
Predecessor Grads	66.40	66.40	66.40
Current Grads	527	527	527
New System Grads	66.40	66.40	66.40
Attrition Rate	.22	.22	.22
Course Length In Hours	530	530	730
Instructor Contact Hours	1241	1241	1994.15
Normalized Grads	643	643	643
Optimum Class Size	36	12	12
Cost Per Grad	\$15,459	\$19,223	\$26,004
System Specific Cost	\$1,026,450	\$1,276,380	\$1,726,692
Total Course Cost	\$8,146,676	\$10,130,302	\$13,704,317
System Instructors	2.71	7.99	12.66
Total Instructors	20.37	56.03	85.42

--- TRAINING ALTERNATIVES ---

ALTERNATIVE	ASAS BLOCK 1			
Base Course Number	243-96B20			
Scenario Description				
Scenario Number		75	76	77
Predecessor Grads		0.90	0.90	0.90
Current Grads		190	190	190
New System Grads		0.90	0.90	0.90
Attrition Rate		.01	.01	.01
Course Length In Hours		248	248	457
Instructor Contact Hours		324	324	736
Normalized Grads		210	210	210
Optimum Class Size		20	12	12
Cost Per Grad		\$8,788	\$9,423	\$16,347
System Specific Cost		\$7,909	\$8,481	\$14,712
Total Course Cost		\$1,669,717	\$1,790,446	\$3,105,966
System Instructors		0.01	0.02	0.05
Total Instructors		2.87	4.75	10.60

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1				
Base Course Number	3-30-C20-35A				
Scenario Description					
Scenario Number		72	73	74	
Predecessor Grads		0.80	0.80	0.80	
Current Grads		327	327	327	
New System Grads		0.80	0.80	0.80	
Attrition Rate		.01	.01	.01	
Course Length In Hours		950	950	1315	
Instructor Contact Hours		2613.5	2613.5	3868.5	
Normalized Grads		454	454	454	
Optimum Class Size		35	12	12	
Cost Per Grad		\$60,353	\$65,161	\$86,483	
System Specific Cost		\$48,282	\$52,128	\$69,186	
Total Course Cost		\$19,735,297	\$21,307,503	\$28,279,902	
System Instructors		0.06	0.16	0.24	
Total Instructors		21.51	57.51	81.51	

--- TRAINING ALTERNATIVES ---

ALTERNATIVE	ASAS BLOCK 1			
Base Course Number	3-30-C22			
Scenario Description	SPVOF (OCT 89)		SPVOF (CURR, OCS12)	SPVOF (CURR+OP, OCS12)
Scenario Number	81		82	83
Predecessor Grads	10.60		10.60	10.60
Current Grads	644		644	644
New System Grads	10.60		10.60	10.60
Attrition Rate	.02		.02	.02
Course Length In Hours	412		412	621
Instructor Contact Hours	1210.1		1210.1	1622.1
Normalized Grads	445		445	445
Optimum Class Size	60		12	12
Cost Per Grad	\$20,091		\$24,000	\$33,096
System Specific Cost	\$212,965		\$254,405	\$350,815
Total Course Cost	\$12,938,629		\$15,456,280	\$21,313,650
System Instructors	0.20		1.01	1.36
Total Instructors	11.89		53.43	69.42

--- TRAINING ALTERNATIVES ---

ALTERNATIVE		ASAS BLOCK 1			
Base Course Number		3-30-C32			
Scenario Description		SPVWO (OCT 89)	SPVWO (CURR, OCS12)	SPVWO (CURR+OP, OCS12)	
Scenario Number		78	79	80	
Predecessor Grads		4.60	4.60	4.60	
Current Grads		69	69	69	
New System Grads		4.60	4.60	4.60	
Attrition Rate		.01	.01	.01	
Course Length In Hours		197	197	406	
Instructor Contact Hours		363.5	363.5	775.5	
Normalized Grads		65	65	65	
Optimum Class Size		36	12	12	
Cost Per Grad		\$8,841	\$9,675	\$17,620	
System Specific Cost		\$40,668	\$44,505	\$81,050	
Total Course Cost		\$610,015	\$667,573	\$1,215,754	
System Instructors		0.04	0.13	0.28	
Total Instructors		0.65	1.96	4.14	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1				
Base Course Number	3A-964A				
Scenario Description	WCGWO (OCT 89)	WCGWO (CURR, OCS12)	WCGWO (CURR+OP, OCS12)		
Scenario Number	69	70	71		
Predecessor Grads	9.80	9.80	9.80		
Current Grads	13	13	13		
New System Grads	9.80	9.80	9.80		
Attrition Rate	.33	.33	.33		
Course Length In Hours	240	240	605		
Instructor Contact Hours	1025.5	1025.5	2280.5		
Normalized Grads	17	17	17		
Optimum Class Size	36	12	12		
Cost Per Grad	\$11,542	\$14,397	\$28,194		
System Specific Cost	\$113,114	\$141,092	\$276,299		
Total Course Cost	\$150,050	\$187,163	\$366,518		
System Instructors	0.39	1.16	2.57		
Total Instructors	0.51	1.54	3.40		

-- TRAINING ALTERNATIVES --

ALTERNATIVE		ASAS BLOCK 1	
		3A-964A	
Base Course Number			
Scenario Description			
Scenario Number		87	88
Predecessor Grads		7.50	7.50
Current Grads		13	13
New System Grads		7.50	7.50
Attrition Rate		.33	.33
Course Length In Hours		240	240
Instructor Contact Hours		1025.5	1025.5
Normalized Grads		17	17
Optimum Class Size		36	12
			CEIWO (CURR, OCS12)
			CEIWO (CURR+OP, OCS12)
Cost Per Grad		\$11,542	\$14,397
System Specific Cost		\$86,567	\$107,978
Total Course Cost		\$150,050	\$187,163
System Instructors		0.30	0.89
Total Instructors		0.51	1.54
			\$22,230
			\$166,727
			\$288,994
			1.54
			2.66

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1		
Base Course Number	610-63B10		
Scenario Description	63B (CURR)	63B (CURR+ASAS MECH)	
Scenario Number	105	106	
Predecessor Grads	0.00	0.00	
Current Grads	3252	3260	
New System Grads	0.00	9.50	
Attrition Rate	.07	.07	
Course Length In Hours	442	442	
Instructor Contact Hours	1959.9	1959.9	
Normalized Grads	3252	3252	
Optimum Class Size	50	50	
Cost Per Grad	\$10,503	\$10,503	
System Specific Cost	\$0	\$99,778	
Total Course Cost	\$34,155,631	\$34,339,433	
System Instructors	0.00	0.37	
Total Instructors	101.83	102.32	

-- TRAINING ALTERNATIVES --

ALTERNATIVE		ASAS BLOCK 1	
Base Course Number	662-52C10	52C (CURR)	52C (CURR+ASAS MECH)
Scenario Description			
Scenario Number		107	108
Predecessor Grads		0.00	0.00
Current Grads		315	321
New System Grads		0.00	1.30
Attrition Rate		.04	.04
Course Length In Hours		659	659
Instructor Contact Hours		2954	2954
Normalized Grads		315	315
Optimum Class Size		21	21
Cost Per Grad		\$20,033	\$20,033
System Specific Cost		\$0	\$26,043
Total Course Cost		\$6,310,427	\$6,456,669
System Instructors		0.00	0.18
Total Instructors		38.49	39.31

-- TRAINING ALTERNATIVES --

ALTERNATIVE	ASAS BLOCK 1		
Base Course Number	662-52D10		
Scenario Description	52D (CURR)	52D (CURR+ASAS MECH)	
Scenario Number	109	110	
Predecessor Grads	0.00	0.00	
Current Grads	1635	1635	
New System Grads	0.00	0.90	
Attrition Rate	.03	.03	
Course Length In Hours	412	412	
Instructor Contact Hours	1762	1762	
Normalized Grads	643	643	
Optimum Class Size	32	32	
Cost Per Grad	\$11,855	\$11,855	
System Specific Cost	\$0	\$10,670	
Total Course Cost	\$19,383,266	\$19,393,936	
System Instructors	0.00	0.05	
Total Instructors	72.17	72.21	

-- TRAINING DELTAS --

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 1023310

MINUEND
SUBTRAHEND

92 91
90 90

SCENARIO A

92 91

SCENARIO B

92 91

SCEN A DESC

33T (CURR+OP, OCS3)

SCEN B DESC

33T (CURR, OCS3)

ATTRITION

0 0

COURSE LENGTH

240 240

OPTIMUM CLASS SIZE

-5 -5

INSTR CONTACT HOURS

240 240

CURRENT GRADS

0 0

NEW SYSTEM GRADS

0 0

NORMALIZED GRADS

1 1

PREDECESSOR GRADS

0 0

COST PER GRAD

\$19,508

\$12,431

\$7,078

SYSTEM SPECIFIC COST

\$134,608

\$85,772

\$48,836

TOTAL COURSE COST

\$2,885,285

\$1,838,504

\$1,046,781

SYSTEM INSTRUCTORS

5.06

4.44

0.62

TOTAL INSTRUCTORS

80.55

71.04

9.51

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1			
BASE COURSE NUMBER	243-96B10			
MINUEND	56	55	56	
SUBTRAHEND	54	54	55	
SCENARIO A	56	55	56	
SCENARIO B	54	54	55	
SCEN A DESC	CCSEN (CURR+OP, OCS7)	CCSEN (CURR+OP, OCS7)		
SCEN B DESC	CCSEN (AUG 89)	CCSEN (CURR, OCS7)		
ATTRITION	0	CCSEN (AUG 89)		
COURSE LENGTH	230	0	0	
OPTIMUM CLASS SIZE	-29	0	230	
INSTR CONTACT HOURS	645	-29	0	
CURRENT GRADS	0	0	645	
NEW SYSTEM GRADS	0	0	0	
NORMALIZED GRADS	0	0	0	
PREDECESSOR GRADS	0	0	0	
COST PER GRAD	\$16,686	\$7,797	\$8,889	
SYSTEM SPECIFIC COST	\$180,208	\$84,206	\$96,002	
TOTAL COURSE COST	\$8,793,506	\$4,108,940	\$4,684,566	
SYSTEM INSTRUCTORS	3.00	1.83	1.17	
TOTAL INSTRUCTORS	110.34	70.06	40.28	

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1		
BASE COURSE NUMBER	243-96B10		
MINUEND	67	68	68
SUBTRAHEND	66	66	67
SCENARIO A	67	68	68
SCENARIO B	66	66	67
SCEN A DESC	WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)	WCGEN (CURR+OP, OCS12)
SCEN B DESC	WCGEN (AUG 89)	WCGEN (AUG 89)	WCGEN (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	365	365
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	1255	1255
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$3,764	\$15,597	\$11,833
SYSTEM SPECIFIC COST	\$76,786	\$318,182	\$241,396
TOTAL COURSE COST	\$1,983,626	\$8,219,692	\$6,236,066
SYSTEM INSTRUCTORS	1.66	4.15	2.49
TOTAL INSTRUCTORS	35.66	83.73	48.07

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1		
BASE COURSE NUMBER	243-96B10		
MINUEND	85	86	86
SUBTRAHEND	84	84	85
SCENARIO A	85	86	86
SCENARIO B	84	84	85
SCEN A DESC	CEIEN (CURR, OCS12)	CEIEN (CURR+OP, OCS12)	CEIEN (CURR+OP, OCS12)
SCEN B DESC	CEIEN (DRAFT)	CEIEN (DRAFT)	CEIEN (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	200	200
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	753.2	753.2
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$3,764	\$10,546	\$6,782
SYSTEM SPECIFIC COST	\$249,929	\$700,242	\$450,312
TOTAL COURSE COST	\$1,983,626	\$5,557,641	\$3,574,015
SYSTEM INSTRUCTORS	5.28	9.95	4.67
TOTAL INSTRUCTORS	35.66	65.05	29.39

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 243-96B20

MINJEND
SUBTRAHEND

76 77
75 75
76

SCENARIO A

76 77

SCENARIO B

75 76

SCEN A DESC

SPVEN (CURR, OCS12)

SCEN B DESC

SPVEN (CURR+OP, OCS12)

ATTRITION

SPVEN (CURR, OCS12)

COURSE LENGTH

0 0

OPTIMUM CLASS SIZE

0 209

INSTR CONTACT HOURS

-8 -8

CURRENT GRADS

0 412

NEW SYSTEM GRADS

0 0

NORMALIZED GRADS

0 0

PREDECESSOR GRADS

0 0

COST PER GRAD

\$635 \$7,559

SYSTEM SPECIFIC COST

\$572 \$6,803

TOTAL COURSE COST

\$120,729 \$1,436,249

SYSTEM INSTRUCTORS

0.01 0.04

TOTAL INSTRUCTORS

1.88 7.73

\$6,924
\$6,231
\$1,315,520
0.03
5.85

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1			
BASE COURSE NUMBER	3-30-C20-35A			
MINUEND	73	74		74
SUBTRAHEND	72	72		73
SCENARIO A	73	74		74
SCENARIO B	72	72		73
SCEN A DESC	WCGOF (CURR, OCS12)	WCGOF (CURR+OP, OCS12)		WCGOF (CURR+OP, OCS12)
SCEN B DESC	WCGOF (DRAFT)	WCGOF (DRAFT)		WCGOF (CURR, OCS12)
ATTRITION	0	0		0
COURSE LENGTH	0	365		365
OPTIMUM CLASS SIZE	-23	-23		0
INSTR CONTACT HOURS	0	1255		1255
CURRENT GRADS	0	0		0
NEW SYSTEM GRADS	0	0		0
NORMALIZED GRADS	0	0		0
PREDECESSOR GRADS	0	0		0
COST PER GRAD	\$4,808	\$26,130		\$21,322
SYSTEM SPECIFIC COST	\$3,846	\$20,904		\$17,058
TOTAL COURSE COST	\$1,572,206	\$8,544,606		\$6,972,399
SYSTEM INSTRUCTORS	0.10	0.18		0.08
TOTAL INSTRUCTORS	36.00	60.00		24.00

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1			
BASE COURSE NUMBER	3-30-C22			
MINUEND		83		83
SUBTRAHEND		81		82
SCENARIO A		83		83
SCENARIO B		81		82
SCEN A DESC	SPVOF (CURR, OCS12)		SPVOF (CURR+OP, OCS12)	
SCEN B DESC	SPVOF (OCT 89)		SPVOF (CURR, OCS12)	
ATTRITION	0			0
COURSE LENGTH	0			209
OPTIMUM CLASS SIZE	-48			0
INSTR CONTACT HOURS	0			412
CURRENT GRADS	0			0
NEW SYSTEM GRADS	0			0
NORMALIZED GRADS	0			0
PREDECESSOR GRADS	0			0
COST PER GRAD	\$3,909			\$9,095
SYSTEM SPECIFIC COST	\$41,440			\$96,410
TOTAL COURSE COST	\$2,517,651			\$5,857,371
SYSTEM INSTRUCTORS	0.81			0.35
TOTAL INSTRUCTORS	41.54			15.99

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 3-30-C32

MINUEND	79	80	80
SUBTRAHEND	78	78	79
SCENARIO A	79	80	80
SCENARIO B	78	78	79
SCEN A DESC			SPVWO (CURR+OP, OCS12)
SCEN B DESC			SPVWO (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	209	209
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	412	412
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$834	\$8,779	\$7,945
SYSTEM SPECIFIC COST	\$3,837	\$40,383	\$36,545
TOTAL COURSE COST	\$57,558	\$605,739	\$548,181
SYSTEM INSTRUCTORS	0.09	0.24	0.15
TOTAL INSTRUCTORS	1.31	3.49	2.18

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 3A-964A

MINUEND	70	71	71
SUBTRAHEND	69	69	70
SCENARIO A	70	71	71
SCENARIO B	69	69	70
SCEN A DESC	WCGWO (CURR, OCS12)	WCGWO (CURR+OP, OCS12)	WCGWO (CURR+OP, OCS12)
SCEN B DESC	WCGWO (OCT 89)	WCGWO (OCT 89)	WCGWO (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	365	365
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	1255	1255
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$2,855	\$16,651	\$13,797
SYSTEM SPECIFIC COST	\$27,977	\$163,184	\$135,207
TOTAL COURSE COST	\$37,113	\$216,469	\$179,356
SYSTEM INSTRUCTORS	0.77	2.18	1.41
TOTAL INSTRUCTORS	1.03	2.89	1.86

-- TRAINING DELTAS --

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 3A-964A

MINUEND	88	89	89
SUBTRAHEND	87	87	88
SCENARIO A	88	89	89
SCENARIO B	87	87	88
SCEN A DESC	CEIWO (CURR, OCS12)	CEIWO (CURR+OP, OCS12)	CEIWO (CURR+OP, OCS12)
SCEN B DESC	CEIWO (DRAFT)	CEIWO (DRAFT)	CEIWO (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	200	200
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	0	753.2	753.2
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$2,855	\$10,688	\$7,833
SYSTEM SPECIFIC COST	\$21,411	\$80,160	\$58,749
TOTAL COURSE COST	\$37,113	\$138,944	\$101,832
SYSTEM INSTRUCTORS	0.59	1.24	0.65
TOTAL INSTRUCTORS	1.03	2.15	1.12

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1	
BASE COURSE NUMBER	610-63B10	
MINUEND		106
SUBTRAHEND		105
SCENARIO A		106
SCENARIO B		105
SCEN A DESC	63B (CURR+ASAS MECH)	
SCEN B DESC	63B (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		8
NEW SYSTEM GRADS		9.5
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$99,778
TOTAL COURSE COST		\$183,802
SYSTEM INSTRUCTORS		0.37
TOTAL INSTRUCTORS		0.49

-- TRAINING DELTAS --

ALTERNATIVE	ASAS BLOCK 1	
BASE COURSE NUMBER	662-52C10	
MINUEND		108
SUBTRAHEND		107
SCENARIO A		108
SCENARIO B		107
SCEN A DESC	52C (CURR+ASAS MECH)	
SCEN B DESC	52C (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		6
NEW SYSTEM GRADS		1.3
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$26,043
TOTAL COURSE COST		\$146,242
SYSTEM INSTRUCTORS		0.18
TOTAL INSTRUCTORS		0.82

--- TRAINING DELTAS ---

ALTERNATIVE ASAS BLOCK 1

BASE COURSE NUMBER 662-52D10

MINUEND 110
SUBTRAHEND 109

SCENARIO A 110
SCENARIO B 109
SCEN A DESC 52D (CURR+ASAS MECH)
SCEN B DESC 52D (CURR)
ATTRITION 0
COURSE LENGTH 0
OPTIMUM CLASS SIZE 0
INSTR CONTACT HOURS 0
CURRENT GRADS 0
NEW SYSTEM GRADS .9
NORMALIZED GRADS 0
PREDECESSOR GRADS 0

COST PER GRAD \$0
SYSTEM SPECIFIC COST \$10,670
TOTAL COURSE COST \$10,670
SYSTEM INSTRUCTORS 0.05
TOTAL INSTRUCTORS 0.04

Appendix O

ASAS Block I Tradeoff #1

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS --
for Assigned Positions

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#1		47		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
25Q10	E3	1.00	1.0000	0.0000
33T	E3	1.00	1.0776	0.9383
	E4	1.00	1.0263	0.3825
	E5	1.00	1.0286	0.3405
350B	W2	1.00	1.0545	0.2392
		2.00	2.1090	0.4783
		3.00	3.1636	0.7175
	W4	1.00	1.1000	0.1947
351B	W2	1.00	1.0715	0.2422
352C	W2	1.00	1.0723	0.2784
	W4	1.00	1.0746	0.2869
352G	W2	1.00	1.1250	0.1561
	W4	1.00	1.0870	0.1815
352H	W2	1.00	1.1111	0.3522
352J	W2	1.00	1.1500	0.4248
	W4	1.00	1.0000	0.1430
35A	O2	1.00	1.2082	0.6851
	C3	1.00	1.2120	0.2633
35B	O3	1.00	1.2120	0.2633
35C	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
35D	O3	1.00	1.2120	0.2633
		2.00	2.4239	0.5266
	O4	1.00	1.1382	0.2349
	O5	1.00	1.0872	0.3050
35E	O3	1.00	1.2120	0.2633
35G	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
52C	E4	1.00	1.0297	0.4458
52D	E4	1.00	1.0235	0.3320
	E5	1.00	1.0300	0.1589

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#1		47		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
63B	E3	1.00	1.0391	0.9166
	E4	1.00	1.0254	0.3883
	E5	1.00	1.0223	0.2402
71L10	E4	1.00	1.0000	0.0000
		2.00	2.0000	0.0000
71L20	E5	1.00	1.0000	0.0000
96B10	E3	1.00	1.1414	1.0836
		2.00	2.2828	2.1672
		3.00	3.4243	3.2508
	E4	1.00	1.0280	0.6520
		2.00	2.0559	1.3039
		3.00	3.0839	1.9559
96B20	E4	1.00	1.0280	0.6520
	E5	1.00	1.0336	0.2657
96B30	E6	1.00	1.0455	0.1754
96B40	E7	1.00	1.0535	0.1484
96B50	E8	1.00	1.1226	0.3084
96D10	E3	1.00	1.0959	0.9870
	E4	1.00	1.0541	0.6455
96D20	E5	1.00	1.0454	0.3806
96D30	E6	1.00	1.0608	0.1765
96D40	E7	1.00	1.1221	0.1831
96R40	E7	1.00	1.1282	0.3174
97B20	E5	1.00	1.0782	0.2844
97B30	E6	1.00	1.0000	0.2336
98C10	E3	1.00	1.1379	0.9446
		2.00	2.2758	1.8893
	E4	1.00	1.0389	0.5594
		2.00	2.0777	1.1189
98C1L	E4	2.00	2.0777	1.1189

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#1		47		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
98C20	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
	E6	1.00	1.0393	0.1444
98C2L	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
98C30	E6	1.00	1.0393	0.1444
98C3L	E6	1.00	1.0393	0.1444
98C40	E7	1.00	1.0621	0.1545
98C4L	E7	1.00	1.0621	0.1545
98G1L	E4	1.00	1.0431	0.7205
		2.00	2.0862	1.4409
98G2L	E5	1.00	1.0421	0.4456
98G3L	E6	1.00	1.0489	0.1712
98G4L	E7	1.00	1.0482	0.1243
98H20	E5	1.00	1.0310	0.3564
98J10	E3	1.00	1.0382	0.9051
		2.00	2.0764	1.8103
	E4	1.00	1.0245	0.4456
		2.00	2.0490	0.8912
		3.00	3.0735	1.3368
98J20	E5	1.00	1.0462	0.1522
98J30	E6	1.00	1.0669	0.1530
98J40	E7	1.00	1.0655	0.1191
98Z50	E8	1.00	1.1035	0.2897
	E9	1.00	1.1035	0.4789

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

ALTERNATIVE	ALTERN ID				
T.O.#1					
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
MAINTAINER	UNDEF	ENLISTED	36	37.25	18.5
		Sum	36	37.25	18.5
OFFLINE	MSNSUP	OFFICER	35	41.09	9.0
		WARRANT	9	9.95	2.0
		Sum	44	51.04	10.9
	UNDEF	ENLISTED	398	421.39	200.2
		OFFICER	60	72.16	19.8
		WARRANT	39	41.20	9.0
		Sum	497	534.76	229.0
OPERATOR	CCS	ENLISTED	28	29.36	10.9
		Sum	28	29.36	10.9
	CEI	ENLISTED	108	113.20	28.5
		WARRANT	24	26.44	7.6
		Sum	132	139.64	36.1
	SPV/FMR/MRA	ENLISTED	7	7.45	0.9
		OFFICER	6	7.20	1.6
		WARRANT	9	9.67	2.6
		Sum	22	24.32	5.0
	TCAC	ENLISTED	64	68.47	37.9
		Sum	64	68.47	37.9
	TSE OPER	ENLISTED	69	72.36	20.3
		OFFICER	3	3.64	0.8
		WARRANT	38	41.30	9.8
		Sum	110	117.30	30.9

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----	-----			
ABN CTCAE	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	1	1.14	0.2
		WARRANT	1	1.11	0.4
	UNDEF	ENLISTED	20	21.23	10.0
OPERATOR	CEI	ENLISTED	8	8.40	2.0
		WARRANT	4	4.34	1.0
	TCAC	ENLISTED	8	8.46	4.2
		Sum	42	44.69	17.8

ABN CTSE	T.O.#1				
-----	-----	-----			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	2	2.30	0.6
	UNDEF	ENLISTED	23	24.64	12.8
		OFFICER	9	10.69	2.3
		WARRANT	7	7.43	1.8
OPERATOR	CCS	ENLISTED	2	2.11	0.6
	SPV/FMR/MRA	OFFICER	1	1.14	0.2
		WARRANT	1	1.07	0.3
	TSE OPER	ENLISTED	6	6.26	1.3
		WARRANT	4	4.22	1.0
		Sum	55	59.86	20.8

ABN MAINT HHS	T.O.#1				
-----	-----	-----			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	4	4.11	1.2
		Sum	4	4.11	1.2

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
CTAE CO	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
OFFLINE	MSNSUP	OFFICER	4	4.85	1.1
	UNDEF	ENLISTED	80	83.33	35.0
		WARRANT	8	8.30	1.7
OPERATOR	CEI	ENLISTED	20	20.93	5.7
		WARRANT	4	4.32	0.9
	TCAC	ENLISTED	16	16.86	8.5
		Sum	132	138.59	52.9

CTSE CO	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
OFFLINE	MSNSUP	OFFICER	4	4.45	1.1
	UNDEF	ENLISTED	54	57.24	26.1
		OFFICER	26	31.22	6.7
		WARRANT	16	16.73	3.6
OPERATOR	CCS	ENLISTED	4	4.19	1.8
	SPV/FMR/MRA	ENLISTED	2	2.12	0.3
		OFFICER	2	2.42	0.5
	TSE OPER	ENLISTED	12	12.50	3.1
		WARRANT	8	8.44	1.9
		Sum	128	139.33	45.2

HV CPS MAINT HHS	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
MAINTAINER	UNDEF	ENLISTED	8	8.34	5.3
		Sum	8	8.34	5.3

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----				
HV DIV HHC	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	5	5.13	1.9
OFFLINE	MSNSUP	OFFICER	10	11.75	2.5
	UNDEF	ENLISTED	55	58.83	28.5
		OFFICER	25	30.26	10.8
OPERATOR	CCS	ENLISTED	10	10.48	4.4
	SPV/FMR/MRA	ENLISTED	5	5.33	0.6
		WARRANT	5	5.37	1.4
	TSE OPER	ENLISTED	30	31.55	10.4
		WARRANT	20	22.12	5.5
		Sum	165	180.82	66.1
HV DIV MI BN	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	10	10.26	3.9
OFFLINE	MSNSUP	OFFICER	5	5.69	1.2
		WARRANT	5	5.62	0.8
	UNDEF	ENLISTED	115	120.89	59.0
		WARRANT	5	5.36	1.4
OPERATOR	CEI	ENLISTED	50	52.58	10.1
		WARRANT	10	11.11	3.5
	TCAC	ENLISTED	40	43.15	25.2
		Sum	240	254.66	105.0

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----	-----	-----	-----	-----
LT DIV HHC	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	3	3.12	2.7
OFFLINE	MSNSUP	OFFICER	6	7.27	1.6
	UNDEF	ENLISTED	12	13.09	6.5
OPERATOR	CCS	ENLISTED	6	6.29	1.4
	SPV/FMR/MRA	OFFICER	3	3.64	0.8
		WARRANT	3	3.22	0.9
	TSE OPER	ENLISTED	21	22.04	5.6
		OFFICER	3	3.64	0.8
		WARRANT	6	6.52	1.4
		Sum	63	68.83	21.7
LT DIV MI BN	T.O.#1				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	6	6.30	3.5
OFFLINE	MSNSUP	OFFICER	3	3.64	0.8
		WARRANT	3	3.22	0.8
	UNDEF	ENLISTED	39	42.14	22.4
		WARRANT	3	3.37	0.5
OPERATOR	CCS	ENLISTED	6	6.29	2.6
	CEI	ENLISTED	30	31.29	10.7
		WARRANT	6	6.67	2.1
		Sum	96	102.91	43.5

-- ALL MOS(s) SORTED BY POSITIONS, GRADES AND UTOE --
SUMMARIZED BY FORCE

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID					
T.O.#1			47			
MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
25Q10	OFFLINE	E3	2	2.0	0.0	CTSE CO
			2	2.0	0.0	
33T	MAINTAINER	E3	2	2.2	1.9	HV CPS MAINT HHS
			3	3.2	2.8	LT DIV MI BN
			5	5.4	4.7	
		E4	5	5.1	1.9	HV DIV MI BN
			5	5.1	1.9	
		E5	1	1.0	0.3	ABN MAINT HHS
			1	1.0	0.3	
350B	OFFLINE	W2	4	4.2	1.0	ABN CTSE
			8	8.4	1.9	CTSE CO
			12	12.7	2.9	
	OPERATOR	W2	4	4.2	1.0	ABN CTSE
			8	8.4	1.9	CTSE CO
			12	12.7	2.9	
		W4	10	11.0	1.9	HV DIV HHC
			3	3.3	0.6	LT DIV HHC
			13	14.3	2.5	
351B	OFFLINE	W2	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
352C	OFFLINE	W2	2	2.1	0.6	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
		W4	10	10.7	2.8	
			4	4.3	1.1	CTAE CO
			4	4.3	1.1	CTSE CO
	OPERATOR	W2	8	8.6	2.3	
			3	3.2	0.8	ABN CTCAE
			1	1.1	0.3	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
		W4	12	12.9	3.3	
			2	2.1	0.6	CTAE CO
			10	10.7	2.9	HV DIV HHC
			6	6.4	1.7	LT DIV HHC
			18	19.3	5.2	
352G	OFFLINE	W2	5	5.6	0.8	HV DIV MI BN
			3	3.4	0.5	LT DIV MI BN
			8	9.0	1.2	
	OPERATOR	W2	1	1.1	0.2	ABN CTCAE
			1	1.1	0.2	
		W4	2	2.2	0.4	CTAE CO
			2	2.2	0.4	
352H	OFFLINE	W2	1	1.1	0.4	ABN CTCAE
			1	1.1	0.4	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
352J	OFFLINE	W4	4	4.0	0.6	CTAE CO
			4	4.0	0.6	CTSE CO
			8	8.0	1.1	
	OPERATOR	W2	5	5.7	2.1	HV DIV HHC
			5	5.7	2.1	HV DIV MI BN
			3	3.4	1.3	LT DIV MI BN
			13	14.9	5.5	
35A	OFFLINE	02	10	12.1	6.9	HV DIV HHC
			10	12.1	6.9	
		03	3	3.6	0.8	LT DIV HHC
			3	3.6	0.8	
35B	OFFLINE	03	2	2.4	0.5	CTSE CO
			2	2.4	0.5	
35C	OFFLINE	03	1	1.2	0.3	ABN CTSE
			4	4.8	1.1	CTSE CO
			5	6.1	1.3	HV DIV HHC
			10	12.1	2.6	
	OPERATOR	03	3	3.6	0.8	LT DIV HHC
			3	3.6	0.8	
		04	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
35D	OFFLINE	03	5	6.1	1.3	ABN CTSE
			4	4.8	1.1	CTAE CO
			6	7.3	1.6	CTSE CO
			5	6.1	1.3	HV DIV HHC
			3	3.6	0.8	LT DIV HHC
			23	27.9	6.1	
		04	3	3.4	0.7	ABN CTSE
			4	4.6	0.9	CTSE CO
			5	5.7	1.2	HV DIV HHC
			12	13.7	2.8	
		05	1	1.1	0.3	ABN CTSE
			2	2.2	0.6	CTSE CO
			3	3.3	0.9	
35E	OFFLINE	03	2	2.4	0.5	CTSE CO
			2	2.4	0.5	
35G	OFFLINE	03	1	1.2	0.3	ABN CTSE
			8	9.7	2.1	CTSE CO
			10	12.1	2.6	HV DIV HHC
			3	3.6	0.8	LT DIV MI BN
			22	26.7	5.8	
		04	1	1.1	0.2	ABN CTCAE
			2	2.3	0.5	CTSE CO
			5	5.7	1.2	HV DIV MI BN
			8	9.1	1.9	
	OPERATOR	03	2	2.4	0.5	CTSE CO
			3	3.6	0.8	LT DIV HHC
			5	6.1	1.3	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
52C	MAINTAINER	E4	1	1.0	0.4	ABN MAINT HHS
			2	2.1	0.9	HV CPS MAINT HHS
			3	3.1	1.3	
52D	MAINTAINER	E4	2	2.0	0.7	HV CPS MAINT HHS
			2	2.0	0.7	
		E5	1	1.0	0.2	ABN MAINT HHS
			1	1.0	0.2	
63B	MAINTAINER	E3	2	2.1	1.8	HV CPS MAINT HHS
			3	3.1	2.7	LT DIV HHC
			5	5.2	4.6	
		E4	5	5.1	1.9	HV DIV HHC
			5	5.1	1.9	HV DIV MI BN
			10	10.3	3.9	
		E5	1	1.0	0.2	ABN MAINT HHS
			3	3.1	0.7	LT DIV MI BN
			4	4.1	1.0	
71L10	OFFLINE	E4	2	2.0	0.0	ABN CTCAE
			2	2.0	0.0	ABN CTSE
			8	8.0	0.0	CTAE CO
			6	6.0	0.0	CTSE CO
			10	10.0	0.0	HV DIV HHC
			15	15.0	0.0	HV DIV MI BN
			3	3.0	0.0	LT DIV MI BN
			46	46.0	0.0	
71L20	OFFLINE	E5	2	2.0	0.0	CTSE CO
			2	2.0	0.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID							
T.O.#1	47							
MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID		
96B10	OFFLINE	E3	4	4.6	4.3	ABN CTSE		
			12	13.7	13.0	CTSE CO		
			15	17.1	16.3	HV DIV HHC		
			5	5.7	5.4	HV DIV MI BN		
			3	3.4	3.3	LT DIV HHC		
		39	44.5	42.3				
		E4	3	3.1	2.0	ABN CTSE		
			4	4.1	2.6	CTAE CO		
			10	10.3	6.5	CTSE CO		
			10	10.3	6.5	HV DIV HHC		
	5		5.1	3.3	HV DIV MI BN			
	3	3.1	2.0	LT DIV HHC				
	35	36.0	22.8					
	OPERATOR	E4	5	5.1	3.3	HV DIV HHC		
			3	3.1	2.0	LT DIV HHC		
			3	3.1	2.0	LT DIV MI BN		
			11	11.3	7.2			
	96B20	OFFLINE	E5	4	4.1	1.1	CTAE CO	
				5	5.2	1.3	HV DIV MI BN	
9				9.3	2.4			
OPERATOR				E4	5	5.1	3.3	HV DIV HHC
					5	5.1	3.3	
		E5	3		3.1	0.8	ABN CTSE	
			6		6.2	1.6	CTSE CO	
			5		5.2	1.3	HV DIV HHC	
6			6.2	1.6	LT DIV HHC			
3			3.1	0.8	LT DIV MI BN			
23		23.8	6.1					

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
96B30	OFFLINE	E6	2	2.1	0.4	CTSE CO
			2	2.1	0.4	
	OPERATOR	E6	1	1.0	0.2	ABN CTSE
			2	2.1	0.4	CTSE CO
			5	5.2	0.9	HV DIV HHC
			6	6.3	1.1	LT DIV HHC
			14	14.6	2.5	
96B40	OFFLINE	E7	5	5.3	0.7	HV DIV HHC
			5	5.3	0.7	
	OPERATOR	E7	1	1.1	0.1	ABN CTSE
			5	5.3	0.7	HV DIV HHC
			5	5.3	0.7	HV DIV MI BN
			11	11.6	1.6	
96B50	OFFLINE	E8	2	2.2	0.6	ABN CTSE
			2	2.2	0.6	CTSE CO
			4	4.5	1.2	
96D10	OFFLINE	E3	1	1.1	1.0	ABN CTSE
			2	2.2	2.0	CTAE CO
			3	3.3	3.0	
		E4	4	4.2	2.6	CTAE CO
			4	4.2	2.6	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96D20	OFFLINE	E5	2	2.1	0.8	ABN CTSE
			2	2.1	0.8	CTAE CO
			4	4.2	1.5	
	OPERATOR	E5	2	2.1	0.8	CTSE CO
			2	2.1	0.8	
96D30	OPERATOR	E6	1	1.1	0.2	ABN CTSE
			2	2.1	0.4	CTSE CO
			3	3.2	0.5	
96D40	OPERATOR	E7	5	5.6	0.9	HV DIV HHC
			3	3.4	0.5	LT DIV HHC
			8	9.0	1.5	
96R40	OFFLINE	E7	5	5.6	1.6	HV DIV HHC
			3	3.4	1.0	LT DIV HHC
			8	9.0	2.5	
97B20	OFFLINE	E5	1	1.1	0.3	ABN CTSE
			1	1.1	0.3	
97B30	OFFLINE	E6	1	1.0	0.2	ABN CTSE
			1	1.0	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C10	OFFLINE	E3	4	4.6	3.8	ABN CTCAE
			1	1.1	0.9	ABN CTSE
			2	2.3	1.9	CTAE CO
			15	17.1	14.2	HV DIV MI BN
			15	17.1	14.2	LT DIV MI BN
			-----	-----	-----	
			37	42.1	35.0	
		E4	3	3.1	1.7	ABN CTCAE
			3	3.1	1.7	ABN CTSE
			12	12.5	6.7	CTAE CO
			2	2.1	1.1	CTSE CO
			5	5.2	2.8	HV DIV HHC
			15	15.6	8.4	HV DIV MI BN
			3	3.1	1.7	LT DIV MI BN
			-----	-----	-----	
			43	44.7	24.1	
	OPERATOR	E3	1	1.1	0.9	ABN CTCAE
			2	2.3	1.9	CTAE CO
			15	17.1	14.2	HV DIV MI BN
			-----	-----	-----	
			18	20.5	17.0	
		E4	4	4.2	2.2	ABN CTCAE
			4	4.2	2.2	CTAE CO
			2	2.1	1.1	CTSE CO
			5	5.2	2.8	HV DIV HHC
			10	10.4	5.6	HV DIV MI BN
			9	9.3	5.0	LT DIV MI BN
			-----	-----	-----	
			34	35.3	19.0	
98C1L	OPERATOR	E4	8	8.3	4.5	CTAE CO
			-----	-----	-----	
			8	8.3	4.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98C20	OFFLINE	E5	1	1.1	0.3	ABN CTCAE
			1	1.1	0.3	ABN CTSE
			2	2.1	0.6	
		E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	
	OPERATOR	E5	8	8.5	2.6	ABN CTCAE
			2	2.1	0.6	ABN CTSE
			5	5.3	1.6	HV DIV HHC
			25	26.4	8.1	HV DIV MI BN
			3	3.2	1.0	LT DIV HHC
			3	3.2	1.0	LT DIV MI BN
			46	48.6	14.9	
98C2L	OFFLINE	E5	4	4.2	1.3	CTAE CO
			2	2.1	0.6	CTSE CO
			6	6.3	1.9	
	OPERATOR	E5	10	10.6	3.2	CTAE CO
			2	2.1	0.6	CTSE CO
			6	6.3	1.9	LT DIV MI BN
			18	19.0	5.8	
98C30	OFFLINE	E6	3	3.1	0.4	LT DIV MI BN
			3	3.1	0.4	
	OPERATOR	E6	1	1.0	0.1	ABN CTCAE
			5	5.2	0.7	HV DIV MI BN
			6	6.2	0.9	LT DIV HHC
			12	12.5	1.7	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C3L	OFFLINE	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			-----	-----	-----	
			4	4.2	0.6	
	OPERATOR	E6	2	2.1	0.3	ABN CTCAE
			4	4.2	0.6	CTAE CO
			10	10.4	1.4	HV DIV MI BN
			3	3.1	0.4	LT DIV MI BN
			-----	-----	-----	
			19	19.7	2.7	
98C40	OFFLINE	E7	1	1.1	0.2	ABN CTCAE
			1	1.1	0.2	ABN CTSE
			2	2.1	0.3	CTAE CO
			-----	-----	-----	
			4	4.2	0.6	
	OPERATOR	E7	2	2.1	0.3	CTSE CO
			5	5.3	0.8	HV DIV MI BN
			-----	-----	-----	
			7	7.4	1.1	
98C4L	OFFLINE	E7	2	2.1	0.3	CTAE CO
			-----	-----	-----	
			2	2.1	0.3	
98G1L	OFFLINE	E4	3	3.1	2.2	ABN CTCAE
			5	5.2	3.6	HV DIV MI BN
			3	3.1	2.2	LT DIV MI BN
			-----	-----	-----	
			11	11.5	7.9	
98G2L	OFFLINE	E5	2	2.1	0.9	ABN CTCAE
			10	10.4	4.5	HV DIV MI BN
			6	6.3	2.7	LT DIV MI BN
			-----	-----	-----	
			18	18.8	8.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID					
T.O.#1			47			
MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98G3L	OFFLINE	E6	2	2.1	0.3	ABN CTCAE
			2	2.1	0.3	
98G4L	OFFLINE	E7	3	3.1	0.4	LT DIV MI BN
			3	3.1	0.4	
98H20	OFFLINE	E5	1	1.0	0.4	ABN CTCAE
			5	5.2	1.8	HV DIV MI BN
			6	6.2	2.1	
98J10	OFFLINE	E3	8	8.3	7.2	CTAE CO
			5	5.2	4.5	HV DIV MI BN
			13	13.5	11.8	
		E4	14	14.3	6.2	CTAE CO
			4	4.1	1.8	CTSE CO
			20	20.5	8.9	HV DIV MI BN
			38	38.9	16.9	
	OPERATOR	E4	2	2.0	0.9	CTAE CO
			5	5.1	2.2	HV DIV MI BN
			3	3.1	1.3	LT DIV MI BN
			10	10.2	4.5	
98J20	OFFLINE	E5	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			5	5.2	0.8	HV DIV MI BN
			9	9.4	1.4	
	OPERATOR	E5	6	6.3	0.9	CTAE CO
			5	5.2	0.8	HV DIV MI BN
			3	3.1	0.5	LT DIV MI BN
			14	14.6	2.1	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#1	47

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98J30	OFFLINE	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			4	4.3	0.6	
	OPERATOR	E6	5	5.3	0.8	HV DIV MI BN
			3	3.2	0.5	LT DIV MI BN
			8	8.5	1.2	
98J40	OFFLINE	E7	2	2.1	0.2	CTAE CO
			2	2.1	0.2	CTSE CO
			5	5.3	0.6	HV DIV HHC
			3	3.2	0.4	LT DIV HHC
			12	12.8	1.4	
	OPERATOR	E7	5	5.3	0.6	HV DIV HHC
			5	5.3	0.6	
98Z50	OFFLINE	E8	1	1.1	0.3	ABN CTCAE
			2	2.2	0.6	CTAE CO
			3	3.3	0.9	LT DIV MI BN
			6	6.6	1.7	
		E9	1	1.1	0.5	ABN CTSE
			2	2.2	1.0	CTSE CO
			5	5.5	2.4	HV DIV MI BN
			8	8.8	3.8	

-- TRAINING ALTERNATIVES --

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1		
Base Course Number	1023310		
Scenario Description	33T(CURR+NSG)	33T(CURR, OCS4)	33T(CURR+OP, OCS4)
Scenario Number	90	91	92
Predecessor Grads	0.00	0.00	0.00
Current Grads	141	141	141
New System Grads	6.90	6.90	6.90
Attrition Rate	.21	.21	.21
Course Length In Hours	1413	1413	1733
Instructor Contact Hours	2705	2705	3163
Normalized Grads	122	123	123
Optimum Class Size	8	4	4
Cost Per Grad	\$91,946	\$99,404	\$109,014
System Specific Cost	\$634,424	\$685,887	\$752,194
Total Course Cost	\$13,598,745	\$14,701,848	\$16,123,111
System Instructors	2.73	5.41	6.31
Total Instructors	51.27	94.96	108.97

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1		WCGEN (AUG 89)	WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)
Base Course Number	243-96B10				
Scenario Description					
Scenario Number		66	67	68	
Predecessor Grads		22.40	22.40	22.40	
Current Grads		527	527	527	
New System Grads		22.40	22.40	22.40	
Attrition Rate		.22	.22	.22	
Course Length In Hours		530	530	770	
Instructor Contact Hours		1241	635	1538.97	
Normalized Grads		643	643	643	
Optimum Class Size		36	12	12	
Cost Per Grad		\$15,459	\$16,466	\$24,605	
System Specific Cost		\$346,272	\$368,828	\$551,143	
Total Course Cost		\$8,146,676	\$8,677,348	\$12,966,621	
System Instructors		0.92	1.41	3.39	
Total Instructors		20.37	30.43	67.90	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1		CEIEN (DRAFT)	CEIEN (CURR, OCS12)	CEIEN (CURR+OP, OCS12)
Base Course Number	243-96B10				
Scenario Description					
Scenario Number		84	85		86
Predecessor Grads		62.30	62.30		62.30
Current Grads		527	527		527
New System Grads		62.30	62.30		62.30
Attrition Rate		.22	.22		.22
Course Length In Hours		530	530		730
Instructor Contact Hours		1241	635		1388.15
Normalized Grads		643	643		643
Optimum Class Size		36	12		12
Cost Per Grad		\$15,459	\$16,466		\$23,247
System Specific Cost		\$963,070	\$1,025,804		\$1,448,311
Total Course Cost		\$8,146,676	\$8,677,348		\$12,251,363
System Instructors		2.54	3.89		8.38
Total Instructors		20.37	30.43		61.94

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1
Base Course Number	243-96B20
Scenario Description	SPVEN (DRAFT)
Scenario Number	75
Predecessor Grads	13.50
Current Grads	190
New System Grads	13.50
Attrition Rate	.01
Course Length In Hours	248
Instructor Contact Hours	324
Normalized Grads	210
Optimum Class Size	20
Cost Per Grad	\$8,788
System Specific Cost	\$118,638
Total Course Cost	\$1,669,717
System Instructors	0.21
Total Instructors	2.87
SPVEN (CURR+OP, OCS12)	77
	13.50
	190
	13.50
	.01
	248
	324
	210
	12
	\$24,104
	\$325,401
	\$4,579,719
	1.48
	19.68

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1				
Base Course Number	3-30-C22				
Scenario Description	SPVOF (OCT 89)		SPVOF (CURR, OCS12)		SPVOF (CURR+OP, OCS12)
Scenario Number	81		82		83
Predecessor Grads	11.40		11.40		11.40
Current Grads	644		644		644
New System Grads	11.40		11.40		11.40
Attrition Rate	.02		.02		.02
Course Length In Hours	412		412		812
Instructor Contact Hours	1210.1		1210.1		2290.1
Normalized Grads	445		445		445
Optimum Class Size	60		12		12
Cost Per Grad	\$20,091		\$24,000		\$42,585
System Specific Cost	\$229,038		\$273,605		\$485,467
Total Course Cost	\$12,938,629		\$15,456,280		\$27,424,609
System Instructors	0.22		1.09		2.06
Total Instructors	11.89		53.43		94.17

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1				
Base Course Number	3-30-C32				
Scenario Description	SPVWO (OCT 89)			SPVWO (CURR, OCS12)	SPVWO (CURR+OP, OCS12)
Scenario Number	78			79	80
Predecessor Grads	22.20			22.20	22.20
Current Grads	69			69	69
New System Grads	22.20			22.20	22.20
Attrition Rate	.01			.01	.01
Course Length In Hours	197			197	597
Instructor Contact Hours	363.5			363.5	1443.5
Normalized Grads	65			65	65
Optimum Class Size	36			12	12
Cost Per Grad	\$8,841			\$9,675	\$25,883
System Specific Cost	\$196,266			\$214,784	\$574,612
Total Course Cost	\$610,015			\$667,573	\$1,785,955
System Instructors	0.21			0.63	2.49
Total Instructors	0.65			1.96	7.62

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1		
Base Course Number	610-63B10		
Scenario Description	63B (CURR)	63B (CURR+ASAS MECH)	
Scenario Number	105	106	
Predecessor Grads	0.00	0.00	
Current Grads	3252	3260	
New System Grads	0.00	9.50	
Attrition Rate	.07	.07	
Course Length In Hours	442	442	
Instructor Contact Hours	1959.9	1959.9	
Normalized Grads	3252	3252	
Optimum Class Size	50	50	
Cost Per Grad	\$10,503	\$10,503	
System Specific Cost	\$0	\$99,778	
Total Course Cost	\$34,155,631	\$34,339,433	
System Instructors	0.00	0.37	
Total Instructors	101.83	102.32	

--- TRAINING ALTERNATIVES ---

ALTERNATIVE	T.O.#1		
Base Course Number	662-52C10		
Scenario Description	52C (CURR)	52C (CURR+ASAS MECH)	
Scenario Number		107	108
Predecessor Grads		0.00	0.00
Current Grads		315	321
New System Grads		0.00	1.30
Attrition Rate		.04	.04
Course Length In Hours		659	659
Instructor Contact Hours		2954	2954
Normalized Grads		315	315
Optimum Class Size		21	21
Cost Per Grad	\$20,033		\$20,033
System Specific Cost	\$0		\$26,043
Total Course Cost	\$6,310,427		\$6,456,669
System Instructors	0.00		0.18
Total Instructors	38.49		39.31

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#1		
Base Course Number	662-52D10		
Scenario Description	52D (CURR)	52D (CURR+ASAS MECH)	
Scenario Number	109	110	
Predecessor Grads	0.00	0.00	
Current Grads	1635	1635	
New System Grads	0.00	0.90	
Attrition Rate	.03	.03	
Course Length In Hours	412	412	
Instructor Contact Hours	1762	1762	
Normalized Grads	643	643	
Optimum Class Size	32	32	
Cost Per Grad	\$11,855	\$11,855	
System Specific Cost	\$0	\$10,670	
Total Course Cost	\$19,383,266	\$19,393,936	
System Instructors	0.00	0.05	
Total Instructors	72.17	72.21	

-- TRAINING DELTAS --

--- TRAINING DELTAS ---

ALTERNATIVE	T.O.#1				
BASE COURSE NUMBER	1023310				
MINUEND	92				92
SUBTRAHEND	90				91
SCENARIO A	92				92
SCENARIO B	90				91
SCEN A DESC	33T (CURR+OP, OCS4)		33T (CURR, OCS4)	33T (CURR+OP, OCS4)	
SCEN B DESC	33T (CURR+NSG)		33T (CURR+NSG)	33T (CURR, OCS4)	
ATTRITION	0				0
COURSE LENGTH	320				320
OPTIMUM CLASS SIZE	-4				0
INSTR CONTACT HOURS	458				458
CURRENT GRADS	0				0
NEW SYSTEM GRADS	0				0
NORMALIZED GRADS	1				0
PREDECESSOR GRADS	0				0
COST PER GRAD	\$17,068		\$7,458		\$9,610
SYSTEM SPECIFIC COST	\$117,770		\$51,463		\$66,306
TOTAL COURSE COST	\$2,524,366		\$1,103,102		\$1,421,263
SYSTEM INSTRUCTORS	3.58		2.68		0.90
TOTAL INSTRUCTORS	57.70		43.69		14.01

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1		
BASE COURSE NUMBER	243-96B10		
MINUEND	67	68	68
SUBTRAHEND	66	66	67
SCENARIO A	67	68	68
SCENARIO B	66	66	67
SCEN A DESC	WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)	WCGEN (CURR+OP, OCS12)
SCEN B DESC	WCGEN (AUG 89)	WCGEN (AUG 89)	WCGEN (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	240	240
OPTIMUM CLASS SIZE	-24	-24	0
INSTR CONTACT HOURS	-606	298.0	904.0
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$1,007	\$9,146	\$8,139
SYSTEM SPECIFIC COST	\$22,556	\$204,871	\$182,314
TOTAL COURSE COST	\$530,672	\$4,819,946	\$4,289,274
SYSTEM INSTRUCTORS	0.49	2.47	1.98
TOTAL INSTRUCTORS	10.06	47.53	37.47

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1				
BASE COURSE NUMBER	243-96B10				
MINUEND		85	86	86	
SUBTRAHEND		84	84	85	
SCENARIO A		85	86	86	
SCENARIO B		84	84	85	
SCEN A DESC			CEIEN (CURR+OP, OCS12)	CEIEN (CURR+OP, OCS12)	
SCEN B DESC			CEIEN (DRAFT)	CEIEN (CURR, OCS12)	
ATTRITION		0	0	0	
COURSE LENGTH		0	200	200	
OPTIMUM CLASS SIZE		-24	-24	0	
INSTR CONTACT HOURS		-606	147.2	753.2	
CURRENT GRADS		0	0	0	
NEW SYSTEM GRADS		0	0	0	
NORMALIZED GRADS		0	0	0	
PREDECESSOR GRADS		0	0	0	
COST PER GRAD		\$1,007	\$7,789	\$6,782	
SYSTEM SPECIFIC COST		\$62,734	\$485,241	\$422,507	
TOTAL COURSE COST		\$530,672	\$4,104,687	\$3,574,015	
SYSTEM INSTRUCTORS		1.35	5.84	4.49	
TOTAL INSTRUCTORS		10.06	41.57	31.51	

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1		
BASE COURSE NUMBER	243-96B20		
MINUEND	76	77	77
SUBTRAHEND	75	75	76
SCENARIO A	76	77	77
SCENARIO B	75	75	76
SCEN A DESC		SPVEN (CURR+OP, OCS12)	SPVEN (CURR+OP, OCS12)
SCEN B DESC		SPVEN (DRAFT)	SPVEN (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	400	400
OPTIMUM CLASS SIZE	-8	-8	0
INSTR CONTACT HOURS	0	1080	1080
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$635	\$15,316	\$14,680
SYSTEM SPECIFIC COST	\$8,578	\$206,763	\$198,185
TOTAL COURSE COST	\$120,729	\$2,910,002	\$2,789,274
SYSTEM INSTRUCTORS	0.13	1.27	1.14
TOTAL INSTRUCTORS	1.88	16.81	14.93

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1		
BASE COURSE NUMBER	3-30-C22		
MINUEND	83	83	
SUBTRAHEND	81	81	
SCENARIO A	82	83	
SCENARIO B	81	81	
SCEN A DESC			SPVOF (CURR+OP, OCS12)
SCEN B DESC			SPVOF (CURR, OCS12)
ATTRITION	0	0	0
COURSE LENGTH	0	400	400
OPTIMUM CLASS SIZE	-48	-48	0
INSTR CONTACT HOURS	0	1080	1080
CURRENT GRADS	0	0	0
NEW SYSTEM GRADS	0	0	0
NORMALIZED GRADS	0	0	0
PREDECESSOR GRADS	0	0	0
COST PER GRAD	\$3,909	\$22,494	\$18,584
SYSTEM SPECIFIC COST	\$44,567	\$256,429	\$211,862
TOTAL COURSE COST	\$2,517,651	\$14,485,980	\$11,968,329
SYSTEM INSTRUCTORS	0.87	1.84	0.97
TOTAL INSTRUCTORS	41.54	82.28	40.74

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1				
BASE COURSE NUMBER	3-30-C32				
MINUEND		79	80		
SUBTRAHEND		78	78		
SCENARIO A		79	80		
SCENARIO B		78	78		
SCEN A DESC				SPVWO (CURR+OP, OCS12)	
SCEN B DESC				SPVWO (CURR, OCS12)	
ATTRITION		0	0		
COURSE LENGTH		0	400		
OPTIMUM CLASS SIZE		-24	-24		
INSTR CONTACT HOURS		0	1080		
CURRENT GRADS		0	0		
NEW SYSTEM GRADS		0	0		
NORMALIZED GRADS		0	0		
PREDECESSOR GRADS		0	0		
COST PER GRAD		\$834	\$17,043		\$16,208
SYSTEM SPECIFIC COST		\$18,519	\$378,346		\$359,827
TOTAL COURSE COST		\$57,558	\$1,175,940		\$1,118,382
SYSTEM INSTRUCTORS		0.42	2.28		1.86
TOTAL INSTRUCTORS		1.31	6.97		5.66

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1	
BASE COURSE NUMBER	610-63B10	
MINUEND		106
SUBTRAHEND		105
SCENARIO A		106
SCENARIO B		105
SCEN A DESC	63B (CURR+ASAS MECH)	
SCEN B DESC	63B (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		8
NEW SYSTEM GRADS		9.5
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$99,778
TOTAL COURSE COST		\$183,802
SYSTEM INSTRUCTORS		0.37
TOTAL INSTRUCTORS		0.49

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#1	
BASE COURSE NUMBER	662-52C10	
MINUEND		108
SUBTRAHEND		107
SCENARIO A		108
SCENARIO B		107
SCEN A DESC	52C (CURR+ASAS MECH)	
SCEN B DESC	52C (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		6
NEW SYSTEM GRADS		1.3
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$26,043
TOTAL COURSE COST		\$146,242
SYSTEM INSTRUCTORS		0.18
TOTAL INSTRUCTORS		0.82

--- TRAINING DELIAS ---

ALTERNATIVE	T.O.#1	
BASE COURSE NUMBER	662-52D10	
MINUEND		110
SUBTRAHEND		109
SCENARIO A		110
SCENARIO B		109
SCEN A DESC	52D (CURR+ASAS MECH)	
SCEN B DESC	52D (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		0
NEW SYSTEM GRADS		.9
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$10,670
TOTAL COURSE COST		\$10,670
SYSTEM INSTRUCTORS		0.05
TOTAL INSTRUCTORS		0.04

Appendix P

ASAS Block I Tradeoff #2

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS --
for Assigned Positions

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#2		61		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
25Q10	E3	1.00	1.0000	0.0000
33T	E3	1.00	1.0776	0.9383
		3.00	3.2328	2.8149
	E4	1.00	1.0263	0.3825
		4.00	4.1051	1.5300
		5.00	5.1314	1.9125
	E5	1.00	1.0286	0.3405
		2.00	2.0572	0.6811
	E6	1.00	1.0267	0.1928
	E7	1.00	1.0295	0.1395
350B	W2	1.00	1.0545	0.2392
		2.00	2.1090	0.4783
		3.00	3.1636	0.7175
		4.00	4.2181	0.9567
	W4	1.00	1.1000	0.1947
351B	W2	1.00	1.0715	0.2422
352C	W2	1.00	1.0723	0.2784
	W4	1.00	1.0746	0.2869
352G	W2	1.00	1.1250	0.1561
	W4	1.00	1.0870	0.1815
352H	W2	1.00	1.1111	0.3522
352J	W2	1.00	1.1500	0.4248
	W4	1.00	1.0000	0.1430
35A	O2	1.00	1.2082	0.6851
	O3	1.00	1.2120	0.2633
35B	O3	1.00	1.2120	0.2633
35C	O3	1.00	1.2120	0.2633
	O4	1.00	1.1382	0.2349
35D	O3	1.00	1.2120	0.2633
		2.00	2.4239	0.5266
	O4	1.00	1.1382	0.2349
	O5	1.00	1.0872	0.3050
35E	O3	1.00	1.2120	0.2633
35G	O3	1.00	1.2120	0.2633
		2.00	2.4239	0.5266
	O4	1.00	1.1382	0.2349

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#2		61		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
52C	E4	1.00	1.0297	0.4458
52D	E4	1.00	1.0235	0.3320
	E5	1.00	1.0300	0.1589
63B	E3	1.00	1.0391	0.9166
	E4	1.00	1.0254	0.3883
	E5	1.00	1.0223	0.2402
71L10	E4	1.00	1.0000	0.0000
		2.00	2.0000	0.0000
71L20	E5	1.00	1.0000	0.0000
96B10	E3	1.00	1.1414	1.0836
		2.00	2.2828	2.1672
		3.00	3.4243	3.2508
	E4	1.00	1.0280	0.6520
		2.00	2.0559	1.3039
96B20	E4	1.00	1.0280	0.6520
	E5	1.00	1.0336	0.2657
96B30	E6	1.00	1.0455	0.1754
96B40	E7	1.00	1.0535	0.1484
96B50	E8	1.00	1.1226	0.3084
96D10	E3	1.00	1.0959	0.9870
	E4	1.00	1.0541	0.6455
96D20	E5	1.00	1.0454	0.3806
96D30	E6	1.00	1.0608	0.1765
96D40	E7	1.00	1.1221	0.1831
96R40	E7	1.00	1.1282	0.3174
97B20	E5	1.00	1.0782	0.2844
97B30	E6	1.00	1.0000	0.2336
98C10	E3	1.00	1.1379	0.9446
		2.00	2.2758	1.8893
	E4	1.00	1.0389	0.5594
		2.00	2.0777	1.1189
		3.00	3.1166	1.6783

-- MANPOWER, PERSONNEL, REQUIRED GRADS BY MOS & GRADE --
for Assigned Positions

ALTERNATIVE		ALT ID		
-----		-----		
HYBRID T.O.#2		61		
MOS	GRADE	MPWR QTY	PERSNL QTY	RQD GRADS
-----	-----	-----	-----	-----
98C1L	E4	2.00	2.0777	1.1189
98C20	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
		3.00	3.1699	0.9698
	E6	1.00	1.0393	0.1444
98C2L	E4	1.00	1.0389	0.5594
	E5	1.00	1.0566	0.3233
		2.00	2.1133	0.6466
98C30	E6	1.00	1.0393	0.1444
98C3L	E6	1.00	1.0393	0.1444
98C40	E7	1.00	1.0621	0.1545
98C4L	E7	1.00	1.0621	0.1545
98G1L	E4	1.00	1.0431	0.7205
		2.00	2.0862	1.4409
98G2L	E5	1.00	1.0421	0.4456
98G3L	E6	1.00	1.0489	0.1712
98G4L	E7	1.00	1.0482	0.1243
98H20	E5	1.00	1.0310	0.3564
98J10	E3	1.00	1.0382	0.9051
		2.00	2.0764	1.8103
	E4	1.00	1.0245	0.4456
		2.00	2.0490	0.8912
		3.00	3.0735	1.3368
98J20	E5	1.00	1.0462	0.1522
98J30	E6	1.00	1.0669	0.1530
98J40	E7	1.00	1.0655	0.1191
98Z50	E8	1.00	1.1035	0.2897
	E9	1.00	1.1035	0.4789

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
SUMMARY BY FORCE

ALTERNATIVE	ALTERN ID				
T.O.#2	61				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
MAINTAINER	UNDEF	ENLISTED	119	123.61	59.2
		Sum	119	123.61	59.2
OFFLINE	MSNSUP	OFFICER	43	50.56	11.0
		WARRANT	20	21.96	4.6
		Sum	63	72.52	15.6
	UNDEF	ENLISTED	57	57.72	2.1
		WARRANT	1	1.07	0.2
		Sum	58	58.79	2.3
OPERATOR	CCS	ENLISTED	47	49.73	23.7
		Sum	47	49.73	23.7
	CEI	ENLISTED	284	299.78	127.6
		WARRANT	24	25.87	6.7
		Sum	308	325.65	134.3
	SPV/FMR/MRA	ENLISTED	56	59.90	16.9
		OFFICER	58	69.89	19.3
		WARRANT	40	42.52	10.4
		Sum	154	172.30	46.6
	TCAC	ENLISTED	93	98.43	55.6
		Sum	93	98.43	55.6
	TSE OPER	ENLISTED	137	146.64	73.3
		OFFICER	3	3.64	0.8
		WARRANT	34	37.14	9.0
		Sum	174	187.42	83.1

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID		ALTERNATIVE			
-----		-----			
ABN CTCAE		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	1	1.14	0.2
		WARRANT	2	2.24	0.5
	UNDEF	ENLISTED	2	2.00	0.0
OPERATOR	CEI	ENLISTED	24	25.39	10.8
		WARRANT	1	1.07	0.3
	SPV/FMR/MRA	ENLISTED	1	1.10	0.3
		WARRANT	2	2.14	0.6
	TCAC	ENLISTED	9	9.60	5.1
		Sum	42	44.69	17.8
				-----	-----
ABN CTSE		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	3	3.44	0.8
	UNDEF	ENLISTED	4	4.08	0.5
		WARRANT	1	1.07	0.2
OPERATOR	CCS	ENLISTED	4	4.29	2.2
	SPV/FMR/MRA	ENLISTED	4	4.41	1.4
		OFFICER	9	10.69	2.3
		WARRANT	10	10.60	2.5
	TSE OPER	ENLISTED	19	20.24	10.6
		WARRANT	1	1.05	0.2
	Sum	55	59.86	20.8	
			-----	-----	-----
ABN MAINT HHS		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	6	6.21	2.5
			-----	-----	-----
Sum			6	6.21	2.5

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID	ALTERNATIVE				
-----	-----				
CTAE CO	T.O.#2				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	4	4.85	1.1
		WARRANT	2	2.15	0.6
	UNDEF	ENLISTED	8	8.00	0.0
OPERATOR	CEI	ENLISTED	84	87.98	36.6
		WARRANT	10	10.47	2.1
	TCAC	ENLISTED	24	25.11	13.1
		Sum	132	138.56	53.4

CTSE CO	T.O.#2				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
OFFLINE	MSNSUP	OFFICER	6	6.73	1.5
	UNDEF	ENLISTED	10	10.00	0.0
OPERATOR	CCS	ENLISTED	10	10.37	4.7
	SPV/FMR/MRA	ENLISTED	10	10.80	2.5
		OFFICER	26	31.36	6.8
		WARRANT	20	20.95	4.6
	TSE OPER	ENLISTED	42	44.90	24.1
		WARRANT	4	4.22	1.0
		Sum	128	139.33	45.2

HV CPS MAINT HHS	T.O.#2				
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	10	10.39	6.0
		Sum	10	10.39	6.0

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID		ALTERNATIVE			
-----		-----			
HV DIV HHC		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	5	5.13	1.9
OFFLINE	MSNSUP	OFFICER	15	17.81	3.8
	UNDEF	ENLISTED	15	15.64	1.6
OPERATOR	CCS	ENLISTED	15	15.67	7.2
	SPV/FMR/MRA	ENLISTED	15	15.74	4.6
		OFFICER	20	24.20	9.5
		WARRANT	5	5.37	1.4
	TSE OPER	ENLISTED	55	59.14	30.5
		WARRANT	20	22.12	5.5
		Sum	165	180.82	66.1
HV DIV MI BN		T.O.#2			
POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	65	67.51	30.6
OFFLINE	MSNSUP	OFFICER	5	5.69	1.2
		WARRANT	10	10.99	2.2
	UNDEF	ENLISTED	15	15.00	0.0
OPERATOR	CEI	ENLISTED	125	132.38	54.4
		WARRANT	10	11.11	3.5
	SPV/FMR/MRA	ENLISTED	5	5.52	2.4
	TCAC	ENLISTED	60	63.72	37.5
		Sum	295	311.92	131.8

-- MANPOWER, PERSONNEL, REQUIRED GRADS --
BY FORCE, POSITION, FUNCTION, & GRADE TYPE

UTOE ID ALTERNATIVE

LT DIV HHC T.O.#2

POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	3	3.12	2.7
OFFLINE	MSNSUP	OFFICER	6	7.27	1.6
OPERATOR	CCS	ENLISTED	6	6.29	1.4
		ENLISTED	12	12.77	4.1
		OFFICER	3	3.64	0.8
	TSE OPER	ENLISTED	21	22.37	8.0
		OFFICER	3	3.64	0.8
		WARRANT	9	9.75	2.3
		Sum	63	68.83	21.7

LT DIV MI BN T.O.#2

POSITION	FUNCTION	GRADE TYPE	FORCE MPWR	FORCE PERS	FORCE GRADS
-----	-----	-----	-----	-----	-----
MAINTAINER	UNDEF	ENLISTED	30	31.25	15.4
OFFLINE	MSNSUP	OFFICER	3	3.64	0.8
		WARRANT	6	6.59	1.3
	UNDEF	ENLISTED	3	3.00	0.0
OPERATOR	CCS	ENLISTED	12	13.11	8.3
	CEI	ENLISTED	51	54.03	25.8
		WARRANT	3	3.22	0.8
	SPV/FMR/MRA	ENLISTED	9	9.57	1.7
		WARRANT	3	3.45	1.3
		Sum	120	127.86	55.3

-- ALL MOS(s) SORTED BY POSITIONS, GRADES AND UTOE --
SUMMARIZED BY FORCE

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
25Q10	OFFLINE	E3	2	2.0	0.0	CTSE CO
			2	2.0	0.0	
33T	MAINTAINER	E3	1	1.1	0.9	ABN MAINT HHS
			2	2.2	1.9	HV CPS MAINT HHS
			15	16.2	14.1	HV DIV MI BN
			9	9.7	8.4	LT DIV MI BN
			27	29.1	25.3	
		E4	1	1.0	0.4	ABN MAINT HHS
			2	2.1	0.8	HV CPS MAINT HHS
			25	25.7	9.6	HV DIV MI BN
			12	12.3	4.6	LT DIV MI BN
			40	41.1	15.3	
		E5	1	1.0	0.3	ABN MAINT HHS
			10	10.3	3.4	HV DIV MI BN
			3	3.1	1.0	LT DIV MI BN
			14	14.4	4.8	
		E6	5	5.1	1.0	HV DIV MI BN
			3	3.1	0.6	LT DIV MI BN
			8	8.2	1.5	
		E7	5	5.1	0.7	HV DIV MI BN
			5	5.1	0.7	
350B	OPERATOR	W2	8	8.4	1.9	ABN CTSE
			16	16.9	3.8	CTSE CO
			24	25.3	5.7	
		W4	10	11.0	1.9	HV DIV HHC
			3	3.3	0.6	LT DIV HHC
			13	14.3	2.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
351B	OFFLINE	W2	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	
352C	OFFLINE	W2	5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
			8	8.6	2.2	
		W4	2	2.1	0.6	CTAE CO
			2	2.1	0.6	
	OPERATOR	W2	3	3.2	0.8	ABN CTCAE
			3	3.2	0.8	ABN CTSE
			5	5.4	1.4	HV DIV MI BN
			3	3.2	0.8	LT DIV MI BN
			14	15.0	3.9	
		W4	4	4.3	1.1	CTAE CO
			4	4.3	1.1	CTSE CO
			10	10.7	2.9	HV DIV HHC
			6	6.4	1.7	LT DIV HHC
			24	25.8	6.9	
352G	OFFLINE	W2	1	1.1	0.2	ABN CTCAE
			5	5.6	0.8	HV DIV MI BN
			3	3.4	0.5	LT DIV MI BN
			9	10.1	1.4	
	OPERATOR	W4	2	2.2	0.4	CTAE CO
			2	2.2	0.4	
352H	OFFLINE	W2	1	1.1	0.4	ABN CTCAE
			1	1.1	0.4	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
352J	OPERATOR	W2	5	5.7	2.1	HV DIV HHC
			5	5.7	2.1	HV DIV MI BN
			3	3.4	1.3	LT DIV MI BN
			13	14.9	5.5	
		W4	4	4.0	0.6	CTAE CO
			4	4.0	0.6	CTSE CO
			8	8.0	1.1	
35A	OFFLINE	03	3	3.6	0.8	LT DIV HHC
			3	3.6	0.8	
	OPERATOR	02	10	12.1	6.9	HV DIV HHC
			10	12.1	6.9	
35B	OPERATOR	03	2	2.4	0.5	CTSE CO
			2	2.4	0.5	
35C	OFFLINE	03	5	6.1	1.3	HV DIV HHC
			5	6.1	1.3	
	OPERATOR	03	1	1.2	0.3	ABN CTSE
			4	4.8	1.1	CTSE CO
			3	3.6	0.8	LT DIV HHC
			8	9.7	2.1	
		04	1	1.1	0.2	ABN CTSE
			1	1.1	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
35D	OFFLINE	03	1	1.2	0.3	ABN CTSE
			4	4.8	1.1	CTAE CO
			3	3.6	0.8	LT DIV HHC
			8	9.7	2.1	
		04	1	1.1	0.2	ABN CTSE
			2	2.3	0.5	CTSE CO
			5	5.7	1.2	HV DIV HHC
			8	9.1	1.9	
		05	1	1.1	0.3	ABN CTSE
			2	2.2	0.6	CTSE CO
			3	3.3	0.9	
	OPERATOR	03	4	4.8	1.1	ABN CTSE
			6	7.3	1.6	CTSE CO
			5	6.1	1.3	HV DIV HHC
			15	18.2	3.9	
		04	2	2.3	0.5	ABN CTSE
			2	2.3	0.5	CTSE CO
			4	4.6	0.9	
35E	OPERATOR	03	2	2.4	0.5	CTSE CO
			2	2.4	0.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
-----	-----
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
35G	OFFLINE	O3	5	6.1	1.3	HV DIV HHC
			3	3.6	0.8	LT DIV MI BN
			-----	-----	-----	
			8	9.7	2.1	
		O4	1	1.1	0.2	ABN CTCAE
			2	2.3	0.5	CTSE CO
			5	5.7	1.2	HV DIV MI BN
			-----	-----	-----	
			8	9.1	1.9	
	OPERATOR	O3	1	1.2	0.3	ABN CTSE
			10	12.1	2.6	CTSE CO
			5	6.1	1.3	HV DIV HHC
			3	3.6	0.8	LT DIV HHC
			-----	-----	-----	
			19	23.0	5.0	
52C	MAINTAINER	E4	1	1.0	0.4	ABN MAINT HHS
			2	2.1	0.9	HV CPS MAINT HHS
			-----	-----	-----	
			3	3.1	1.3	
52D	MAINTAINER	E4	2	2.0	0.7	HV CPS MAINT HHS
			-----	-----	-----	
			2	2.0	0.7	
		E5	1	1.0	0.2	ABN MAINT HHS
			-----	-----	-----	
			1	1.0	0.2	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
63B	MAINTAINER	E3	2	2.1	1.8	HV CPS MAINT HHS
			3	3.1	2.7	LT DIV HHC
			5	5.2	4.6	
		E4	5	5.1	1.9	HV DIV HHC
			5	5.1	1.9	HV DIV MI BN
			10	10.3	3.9	
		E5	1	1.0	0.2	ABN MAINT HHS
			3	3.1	0.7	LT DIV MI BN
			4	4.1	1.0	
71L10	OFFLINE	E4	2	2.0	0.0	ABN CTCAE
			2	2.0	0.0	ABN CTSE
			8	8.0	0.0	CTAE CO
			6	6.0	0.0	CTSE CO
			10	10.0	0.0	HV DIV HHC
			15	15.0	0.0	HV DIV MI BN
			3	3.0	0.0	LT DIV MI BN
			46	46.0	0.0	
71L20	OFFLINE	E5	2	2.0	0.0	CTSE CO
			2	2.0	0.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
96B10	OPERATOR	E3	4	4.6	4.3	ABN CTSE
			12	13.7	13.0	CTSE CO
			15	17.1	16.3	HV DIV HHC
			5	5.7	5.4	HV DIV MI BN
			3	3.4	3.3	LT DIV HHC
			-----	-----	-----	
			39	44.5	42.3	
		E4	3	3.1	2.0	ABN CTSE
			4	4.1	2.6	CTAE CO
			10	10.3	6.5	CTSE CO
			15	15.4	9.8	HV DIV HHC
			5	5.1	3.3	HV DIV MI BN
			6	6.2	3.9	LT DIV HHC
			3	3.1	2.0	LT DIV MI BN
			-----	-----	-----	
			46	47.3	30.0	
96B20	OPERATOR	E4	5	5.1	3.3	HV DIV HHC
			-----	-----	-----	
			5	5.1	3.3	
		E5	3	3.1	0.8	ABN CTSE
			4	4.1	1.1	CTAE CO
			6	6.2	1.6	CTSE CO
			5	5.2	1.3	HV DIV HHC
			5	5.2	1.3	HV DIV MI BN
			6	6.2	1.6	LT DIV HHC
			3	3.1	0.8	LT DIV MI BN
			-----	-----	-----	
			32	33.1	8.5	
96B30	OPERATOR	E6	1	1.0	0.2	ABN CTSE
			4	4.2	0.7	CTSE CO
			5	5.2	0.9	HV DIV HHC
			6	6.3	1.1	LT DIV HHC
			-----	-----	-----	
			16	16.7	2.8	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96B40	OPERATOR	E7	1	1.1	0.1	ABN CTSE
			10	10.5	1.5	HV DIV HHC
			5	5.3	0.7	HV DIV MI BN
			16	16.9	2.4	
96B50	OPERATOR	E8	2	2.2	0.6	ABN CTSE
			2	2.2	0.6	CTSE CO
			4	4.5	1.2	
96D10	OPERATOR	E3	1	1.1	1.0	ABN CTSE
			2	2.2	2.0	CTAE CO
			3	3.3	3.0	
		E4	4	4.2	2.6	CTAE CO
			4	4.2	2.6	
96D20	OPERATOR	E5	2	2.1	0.8	ABN CTSE
			2	2.1	0.8	CTAE CO
			2	2.1	0.8	CTSE CO
			6	6.3	2.3	
96D30	OPERATOR	E6	1	1.1	0.2	ABN CTSE
			2	2.1	0.4	CTSE CO
			3	3.2	0.5	
96D40	OPERATOR	E7	5	5.6	0.9	HV DIV HHC
			3	3.4	0.5	LT DIV HHC
			8	9.0	1.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID					
T.O.#2			61			
MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
96R40	OFFLINE	E7	5	5.6	1.6	HV DIV HHC
			5	5.6	1.6	
	OPERATOR	E7	3	3.4	1.0	LT DIV HHC
			3	3.4	1.0	
97B20	OFFLINE	E5	1	1.1	0.3	ABN CTSE
			1	1.1	0.3	
97B30	OFFLINE	E6	1	1.0	0.2	ABN CTSE
			1	1.0	0.2	
98C10	OPERATOR	E3	5	5.7	4.7	ABN CTCAE
			1	1.1	0.9	ABN CTSE
			4	4.6	3.8	CTAE CO
			30	34.1	28.3	HV DIV MI BN
			15	17.1	14.2	LT DIV MI BN
			55	62.6	52.0	
		E4	7	7.3	3.9	ABN CTCAE
			3	3.1	1.7	ABN CTSE
			16	16.6	9.0	CTAE CO
			4	4.2	2.2	CTSE CO
			10	10.4	5.6	HV DIV HHC
			25	26.0	14.0	HV DIV MI BN
			12	12.5	6.7	LT DIV MI BN
			77	80.0	43.1	
98C1L	OPERATOR	E4	8	8.3	4.5	CTAE CO
			8	8.3	4.5	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98C20	OPERATOR	E5	9	9.5	2.9	ABN CTCAE
			3	3.2	1.0	ABN CTSE
			5	5.3	1.6	HV DIV HHC
			25	26.4	8.1	HV DIV MI BN
			3	3.2	1.0	LT DIV HHC
			3	3.2	1.0	LT DIV MI BN
			48	50.7	15.5	
		E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	
98C2L	OPERATOR	E4	2	2.1	1.1	CTAE CO
			2	2.1	1.1	
		E5	12	12.7	3.9	CTAE CO
			4	4.2	1.3	CTSE CO
			6	6.3	1.9	LT DIV MI BN
			22	23.2	7.1	
98C30	OPERATOR	E6	1	1.0	0.1	ABN CTCAE
			5	5.2	0.7	HV DIV MI BN
			6	6.2	0.9	LT DIV HHC
			3	3.1	0.4	LT DIV MI BN
			15	15.6	2.2	
98C3L	OPERATOR	E6	2	2.1	0.3	ABN CTCAE
			6	6.2	0.9	CTAE CO
			2	2.1	0.3	CTSE CO
			10	10.4	1.4	HV DIV MI BN
			3	3.1	0.4	LT DIV MI BN
			23	23.9	3.3	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
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T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
-----	-----	-----	-----	-----	-----	-----
98C40	OPERATOR	E7	1	1.1	0.2	ABN CTCAE
			1	1.1	0.2	ABN CTSE
			2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			5	5.3	0.8	HV DIV MI BN
			-----	-----	-----	
			11	11.7	1.7	
98C4L	OPERATOR	E7	2	2.1	0.3	CTAE CO
			-----	-----	-----	
			2	2.1	0.3	
98G1L	OPERATOR	E4	3	3.1	2.2	ABN CTCAE
			5	5.2	3.6	HV DIV MI BN
			3	3.1	2.2	LT DIV MI BN
			-----	-----	-----	
			11	11.5	7.9	
98G2L	OPERATOR	E5	2	2.1	0.9	ABN CTCAE
			10	10.4	4.5	HV DIV MI BN
			6	6.3	2.7	LT DIV MI BN
			-----	-----	-----	
			18	18.8	8.0	
98G3L	OPERATOR	E6	2	2.1	0.3	ABN CTCAE
			-----	-----	-----	
			2	2.1	0.3	
98G4L	OPERATOR	E7	3	3.1	0.4	LT DIV MI BN
			-----	-----	-----	
			3	3.1	0.4	
98H20	OPERATOR	E5	1	1.0	0.4	ABN CTCAE
			5	5.2	1.8	HV DIV MI BN
			-----	-----	-----	
			6	6.2	2.1	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98J10	OPERATOR	E3	8	8.3	7.2	CTAE CO
			5	5.2	4.5	HV DIV MI BN
			13	13.5	11.8	
		E4	16	16.4	7.1	CTAE CO
			4	4.1	1.8	CTSE CO
			25	25.6	11.1	HV DIV MI BN
			3	3.1	1.3	LT DIV MI BN
			48	49.2	21.4	
98J20	OPERATOR	E5	8	8.4	1.2	CTAE CO
			2	2.1	0.3	CTSE CO
			10	10.5	1.5	HV DIV MI BN
			3	3.1	0.5	LT DIV MI BN
			23	24.1	3.5	
98J30	OPERATOR	E6	2	2.1	0.3	CTAE CO
			2	2.1	0.3	CTSE CO
			5	5.3	0.8	HV DIV MI BN
			3	3.2	0.5	LT DIV MI BN
			12	12.8	1.8	
98J40	OPERATOR	E7	2	2.1	0.2	CTAE CO
			2	2.1	0.2	CTSE CO
			10	10.7	1.2	HV DIV HHC
			3	3.2	0.4	LT DIV HHC
			17	18.1	2.0	

-- ALL MOS(s), POSITIONS, GRADES AND UTOE BY FORCE --

ALTERNATIVE	ALTE ID
T.O.#2	61

MOS	POSITION	GRADE	MPWR	PERSONNEL	RQD GRADS	UTOE ID
98Z50	OPERATOR	E8	1	1.1	0.3	ABN CTCAE
			2	2.2	0.6	CTAE CO
			3	3.3	0.9	LT DIV MI BN
			6	6.6	1.7	
		E9	1	1.1	0.5	ABN CTSE
			2	2.2	1.0	CTSE CO
			5	5.5	2.4	HV DIV MI BN
			8	8.8	3.8	

-- TRAINING ALTERNATIVES --

-- TRAINING ALTERNATIVES --

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2			
Base Course Number	1023310			
Scenario Description	33T (CURR+NSG)	33T (CURR, OCS4)	33T (CURR+OP, OCS4)	
Scenario Number	90	91	92	
Predecessor Grads	0.00	0.00	0.00	
Current Grads	141	141	141	
New System Grads	47.70	47.70	47.70	
Attrition Rate	.21	.21	.21	
Course Length In Hours	1413	1413	1733	
Instructor Contact Hours	2705	2705	3163	
Normalized Grads	122	123	123	
Optimum Class Size	8	4	4	
Cost Per Grad	\$91,946	\$99,404	\$109,014	
System Specific Cost	\$4,385,802	\$4,741,569	\$5,199,949	
Total Course Cost	\$17,350,123	\$18,757,530	\$20,570,866	
System Instructors	17.98	34.40	39.70	
Total Instructors	63.78	117.66	135.03	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2				
Base Course Number	243-96B10				
Scenario Description	WCGEN (AUG 89)		WCGEN (CURR, OCS12)	WCGEN (CURR+OP, OCS12)	
Scenario Number	66		67	68	
Predecessor Grads	87.60		87.60	87.60	
Current Grads	527		527	527	
New System Grads	87.60		87.60	87.60	
Attrition Rate	.22		.22	.22	
Course Length In Hours	530		530	770	
Instructor Contact Hours	1241		635	1538.97	
Normalized Grads	643		643	643	
Optimum Class Size	36		12	12	
Cost Per Grad	\$15,459		\$16,466	\$24,605	
System Specific Cost	\$1,354,172		\$1,442,383	\$2,155,362	
Total Course Cost	\$8,146,676		\$8,677,348	\$12,966,621	
System Instructors	3.57		5.44	12.88	
Total Instructors	20.37		30.43	67.90	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2		CEIEN (DRAFT)	CEIEN (CURR, OCS12)	CEIEN (CURR+OP, OCS12)
Base Course Number	243-96B10				
Scenario Description					
Scenario Number		84	85	86	
Predecessor Grads		182.20	182.20	182.20	182.20
Current Grads		527	527	527	527
New System Grads		182.20	182.20	182.20	182.20
Attrition Rate		.22	.22	.22	.22
Course Length In Hours		530	530	730	730
Instructor Contact Hours		1241	635	1388.15	1388.15
Normalized Grads		643	643	643	643
Optimum Class Size		36	12	12	12
Cost Per Grad		\$15,459	\$16,466	\$23,247	\$23,247
System Specific Cost		\$2,816,555	\$3,000,024	\$4,235,670	\$4,235,670
Total Course Cost		\$8,146,676	\$8,677,348	\$12,251,363	\$12,251,363
System Instructors		7.33	11.12	23.43	23.43
Total Instructors		20.37	30.43	61.94	61.94

--- TRAINING ALTERNATIVES ---

ALTERNATIVE	T.O.#2	Base Course Number	243-96B20	SPVEN (DRAFT)	SPVEN (CURR, OCS12)	SPVEN (CURR+OP, OCS12)
Scenario Description						
Scenario Number			75	76	77	
Predecessor Grads		27.50		27.50	27.50	
Current Grads		190		190	190	
New System Grads		27.50		27.50	27.50	
Attrition Rate		.01		.01	.01	
Course Length In Hours		248		248	648	
Instructor Contact Hours		324		324	1404	
Normalized Grads		210		210	210	
Optimum Class Size		20		12	12	
Cost Per Grad		\$8,788		\$9,423	\$24,104	
System Specific Cost		\$241,670		\$259,143	\$662,854	
Total Course Cost		\$1,669,717		\$1,790,446	\$4,579,719	
System Instructors		0.42		0.70	3.00	
Total Instructors		2.87		4.75	19.68	

--- TRAINING ALTERNATIVES ---

ALTERNATIVE	T.O.#2				
Base Course Number	3-30-C22				
Scenario Description	SPVOF (OCT 89)		SPVOF (CURR, OCS12)	SPVOF (CURR+OP, OCS12)	
Scenario Number	81		82	83	
Predecessor Grads	31.20		31.20	31.20	
Current Grads	644		644	644	
New System Grads	31.20		31.20	31.20	
Attrition Rate	.02		.02	.02	
Course Length In Hours	412		412	812	
Instructor Contact Hours	1210.1		1210.1	2290.1	
Normalized Grads	445		445	445	
Optimum Class Size	60		12	12	
Cost Per Grad	\$20,091		\$24,000	\$42,585	
System Specific Cost	\$626,840		\$748,814	\$1,328,646	
Total Course Cost	\$12,938,629		\$15,456,280	\$27,424,609	
System Instructors	0.60		2.96	5.56	
Total Instructors	11.89		53.43	94.17	

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2				
Base Course Number	3-30-C32				
Scenario Description	SPVWO (OCT 89)		SPVWO (CURR, OCS12)		SPVWO (CURR+OP, OCS12)
Scenario Number	78		79		80
Predecessor Grads	30.80		30.80		30.80
Current Grads	69		69		69
New System Grads	30.80		30.80		30.80
Attrition Rate	.01		.01		.01
Course Length In Hours	197		197		597
Instructor Contact Hours	363.5		363.5		1443.5
Normalized Grads	65		65		65
Optimum Class Size	36		12		12
Cost Per Grad	\$8,841		\$9,675		\$25,883
System Specific Cost	\$272,296		\$297,989		\$797,209
Total Course Cost	\$610,015		\$667,573		\$1,785,955
System Instructors	0.29		0.88		3.45
Total Instructors	0.65		1.96		7.62

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2	
Base Course Number	610-63B10	
Scenario Description	63B (CURR)	63B (CURR+ASAS MECH)
Scenario Number	105	106
Predecessor Grads	0.00	0.00
Current Grads	3252	3260
New System Grads	0.00	9.50
Attrition Rate	.07	.07
Course Length In Hours	442	442
Instructor Contact Hours	1959.9	1959.9
Normalized Grads	3252	3252
Optimum Class Size	50	50
Cost Per Grad	\$10,503	\$10,503
System Specific Cost	\$0	\$99,778
Total Course Cost	\$34,155,631	\$34,339,433
System Instructors	0.00	0.37
Total Instructors	101.83	102.32

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2	
Base Course Number	662-52C10	
Scenario Description	52C (CURR)	52C (CURR+ASAS MECH)
Scenario Number	107	108
Predecessor Grads	0.00	0.00
Current Grads	315	321
New System Grads	0.00	1.30
Attrition Rate	.04	.04
Course Length In Houzs	659	659
Instructor Contact Hours	2954	2954
Normalized Grads	315	315
Optimum Class Size	21	21
Cost Per Grad	\$20,033	\$20,033
System Specific Cost	\$0	\$26,043
Total Course Cost	\$6,310,427	\$6,456,669
System Instructors	0.00	0.18
Total Instructors	38.49	39.31

-- TRAINING ALTERNATIVES --

ALTERNATIVE	T.O.#2		
Base Course Number	662-52D10		
Scenario Description	52D (CURR)	52D (CURR+ASAS MECH)	
Scenario Number	109	110	
Predecessor Grads	0.00	0.00	
Current Grads	1635	1635	
New System Grads	0.00	0.90	
Attrition Rate	.03	.03	
Course Length In Hours	412	412	
Instructor Contact Hours	1762	1762	
Normalized Grads	643	643	
Optimum Class Size	32	32	
Cost Per Grad	\$11,855	\$11,855	
System Specific Cost	\$0	\$10,670	
Total Course Cost	\$19,383,266	\$19,393,936	
System Instructors	0.00	0.05	
Total Instructors	72.17	72.21	

-- TRAINING DELTAS --

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2				
BASE COURSE NUMBER	1023310				
MINUEND		92		91	92
SUBTRAHEND		90		90	91
SCENARIO A		92		91	92
SCENARIO B		90		90	91
SCEN A DESC	33T (CURR+OP, OCS4)				33T (CURR+OP, OCS4)
SCEN B DESC	33T (CURR+NSG)				33T (CURR, OCS4)
ATTRITION		0		0	33T (CURR, OCS4)
COURSE LENGTH		320		0	
OPTIMUM CLASS SIZE		-4		-4	
INSTR CONTACT HOURS		458		0	458
CURRENT GRADS		0		0	0
NEW SYSTEM GRADS		0		0	0
NORMALIZED GRADS		1		1	0
PREDECESSOR GRADS		0		0	0
COST PER GRAD					
SYSTEM SPECIFIC COST	\$17,068			\$7,458	\$9,610
TOTAL COURSE COST	\$814,146			\$355,767	\$458,379
SYSTEM INSTRUCTORS	\$3,220,743			\$1,407,407	\$1,813,336
TOTAL INSTRUCTORS	21.72			16.42	5.30
	71.25			53.88	17.37

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2						
BASE COURSE NUMBER	243-96B10						
MINUEND		67					68
SUBTRAHEND		66					67
SCENARIO A		67					68
SCENARIO B		66					67
SCEN A DESC			WCGEN (CURR, OCS12)				WCGEN (CURR+OP, OCS12)
SCEN B DESC			WCGEN (AUG 89)				WCGEN (CURR, OCS12)
ATTRITION		0					0
COURSE LENGTH		0					240
OPTIMUM CLASS SIZE		-24					0
INSTR CONTACT HOURS		-606					904.0
CURRENT GRADS		0					0
NEW SYSTEM GRADS		0					0
NORMALIZED GRADS		0					0
PREDECESSOR GRADS		0					0
COST PER GRAD		\$1,007					\$8,139
SYSTEM SPECIFIC COST		\$88,210					\$712,980
TOTAL COURSE COST		\$530,672					\$4,289,274
SYSTEM INSTRUCTORS		1.87					7.44
TOTAL INSTRUCTORS		10.06					37.47

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2			
BASE COURSE NUMBER	243-96B10			
MINUEND	85	86		86
SUBTRAHEND	84	84		85
SCENARIO A	85	86		86
SCENARIO B	84	84		85
SCEN A DESC		CEIEN (CURR+OP, OCS12)		CEIEN (CURR+OP, OCS12)
SCEN B DESC		CEIEN (DRAFT)		CEIEN (CURR, OCS12)
ATTRITION	0			0
COURSE LENGTH	0			200
OPTIMUM CLASS SIZE	-24			0
INSTR CONTACT HOURS	-606	147.2		753.2
CURRENT GRADS	0	0		0
NEW SYSTEM GRADS	0	0		0
NORMALIZED GRADS	0	0		0
PREDECESSOR GRADS	0	0		0
COST PER GRAD	\$1,007	\$7,789		\$6,782
SYSTEM SPECIFIC COST	\$183,470	\$1,419,116		\$1,235,646
TOTAL COURSE COST	\$530,672	\$4,104,687		\$3,574,015
SYSTEM INSTRUCTORS	3.79	16.10		12.31
TOTAL INSTRUCTORS	10.06	41.57		31.51

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2				
BASE COURSE NUMBER	243-96B20				
MINUEND	76				77
SUBTRAHEND	75				76
SCENARIO A	76				77
SCENARIO B	75				76
SCEN A DESC		SPVEN (CURR, OCS12)		SPVEN (CURR+OP, OCS12)	
SCEN B DESC		SPVEN (DRAFT)		SPVEN (CURR, OCS12)	
ATTRITION	0		0		0
COURSE LENGTH	0		400		400
OPTIMUM CLASS SIZE	-8		-8		0
INSTR CONTACT HOURS	0		1080		1080
CURRENT GRADS	0		0		0
NEW SYSTEM GRADS	0		0		0
NORMALIZED GRADS	0		0		0
PREDECESSOR GRADS	0		0		0
COST PER GRAD	\$635				\$14,680
SYSTEM SPECIFIC COST	\$17,474		\$15,316		\$403,711
TOTAL COURSE COST	\$120,729		\$421,185		\$2,789,274
SYSTEM INSTRUCTORS	0.28		\$2,910,002		2.30
TOTAL INSTRUCTORS	1.88		2.58		14.93
			16.81		

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2				
BASE COURSE NUMBER	3-30-C22				
MINUEND		83			
SUBTRAHEND		81			
SCENARIO A		82			
SCENARIO B		81			
SCEN A DESC					
SCEN B DESC					
ATTRITION					
COURSE LENGTH					
OPTIMUM CLASS SIZE					
INSTR CONTACT HOURS					
CURRENT GRADS					
NEW SYSTEM GRADS					
NORMALIZED GRADS					
PREDECESSOR GRADS					
COST PER GRAD					
SYSTEM SPECIFIC COST					
TOTAL COURSE COST					
SYSTEM INSTRUCTORS					
TOTAL INSTRUCTORS					

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2	
BASE COURSE NUMBER	610-63B10	
MINUEND		106
SUBTRAHEND		105
SCENARIO A		106
SCENARIO B		105
SCEN A DESC	63B (CURR+ASAS MECH)	
SCEN B DESC	63B (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		8
NEW SYSTEM GRADS		9.5
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$99,778
TOTAL COURSE COST		\$183,802
SYSTEM INSTRUCTORS		0.37
TOTAL INSTRUCTORS		0.49

-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2	
BASE COURSE NUMBER	662-52C10	
MINUEND		108
SUBTRAHEND		107
SCENARIO A		108
SCENARIO B		107
SCEN A DESC	52C (CURR+ASAS MECH)	
SCEN B DESC	52C (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		6
NEW SYSTEM GRADS		1.3
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$26,043
TOTAL COURSE COST		\$146,242
SYSTEM INSTRUCTORS		0.18
TOTAL INSTRUCTORS		0.82

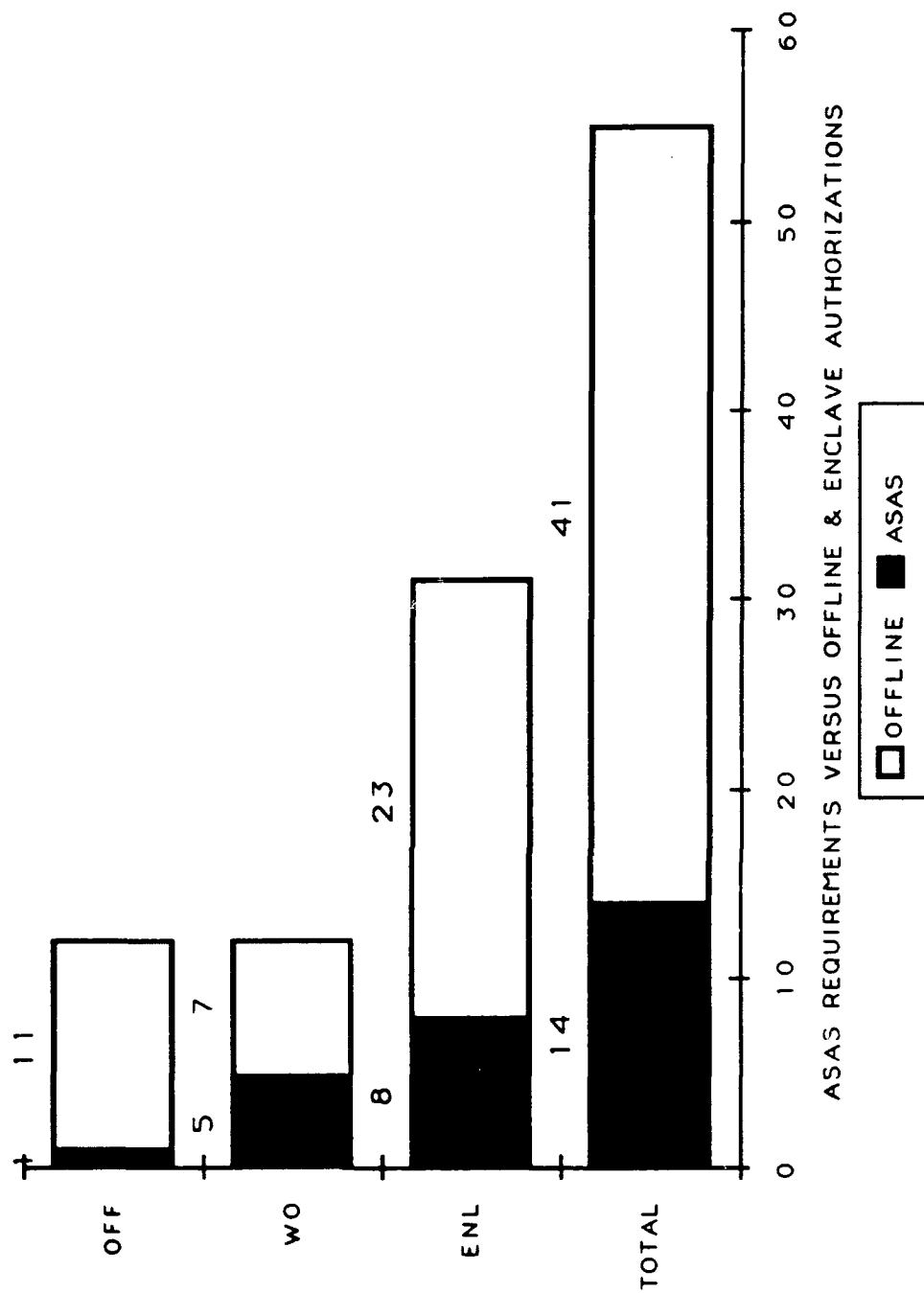
-- TRAINING DELTAS --

ALTERNATIVE	T.O.#2	
BASE COURSE NUMBER	662-52D10	
MINUEND		110
SUBTRAHEND		109
SCENARIO A		110
SCENARIO B		109
SCEN A DESC	52D (CURR+ASAS MECH)	
SCEN B DESC	52D (CURR)	
ATTRITION		0
COURSE LENGTH		0
OPTIMUM CLASS SIZE		0
INSTR CONTACT HOURS		0
CURRENT GRADS		0
NEW SYSTEM GRADS		.9
NORMALIZED GRADS		0
PREDECESSOR GRADS		0
COST PER GRAD		\$0
SYSTEM SPECIFIC COST		\$10,670
TOTAL COURSE COST		\$10,670
SYSTEM INSTRUCTORS		0.05
TOTAL INSTRUCTORS		0.04

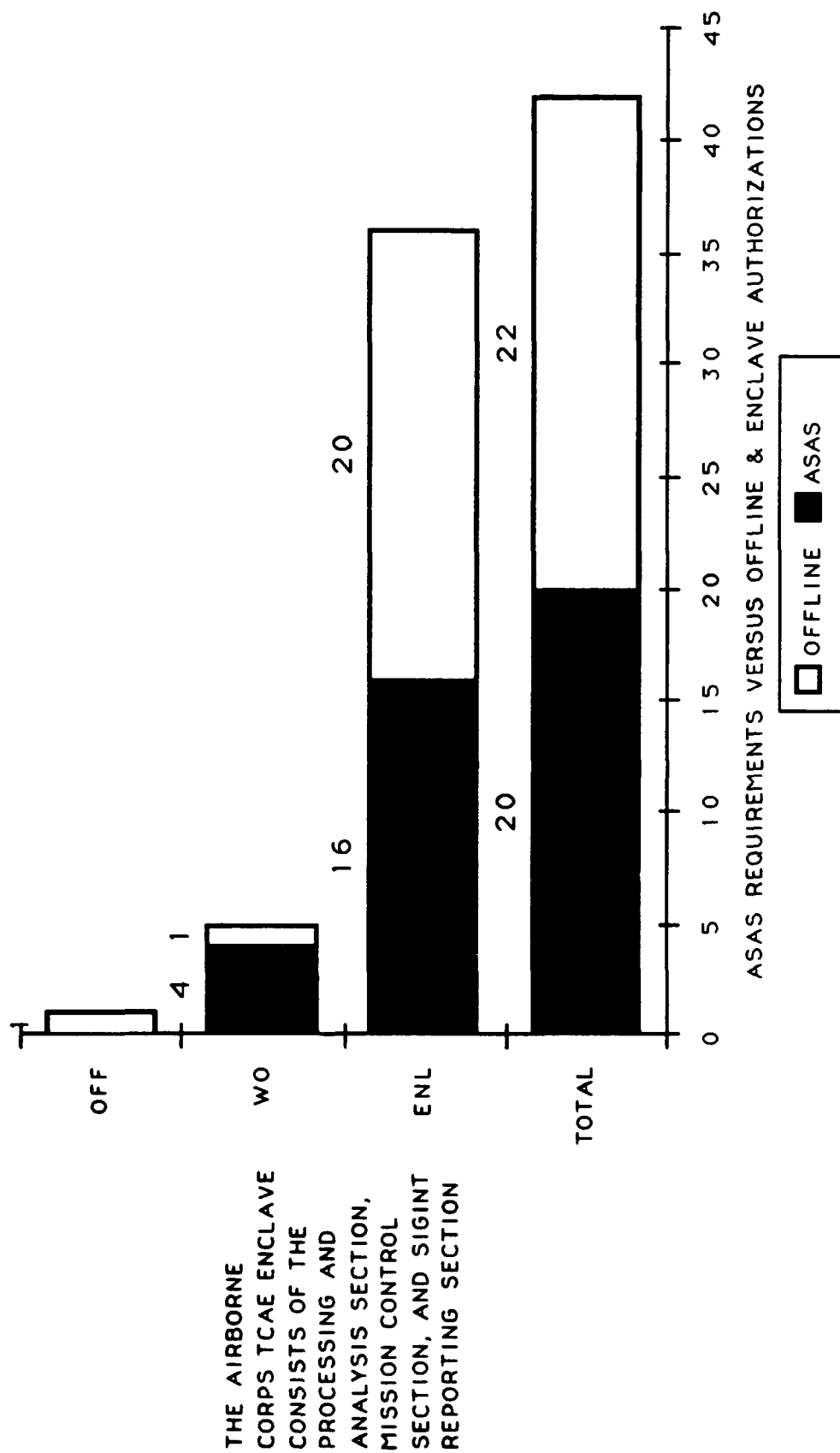
Appendix Q

Additional Manpower/Personnel Impacts Figures
(Section 6)

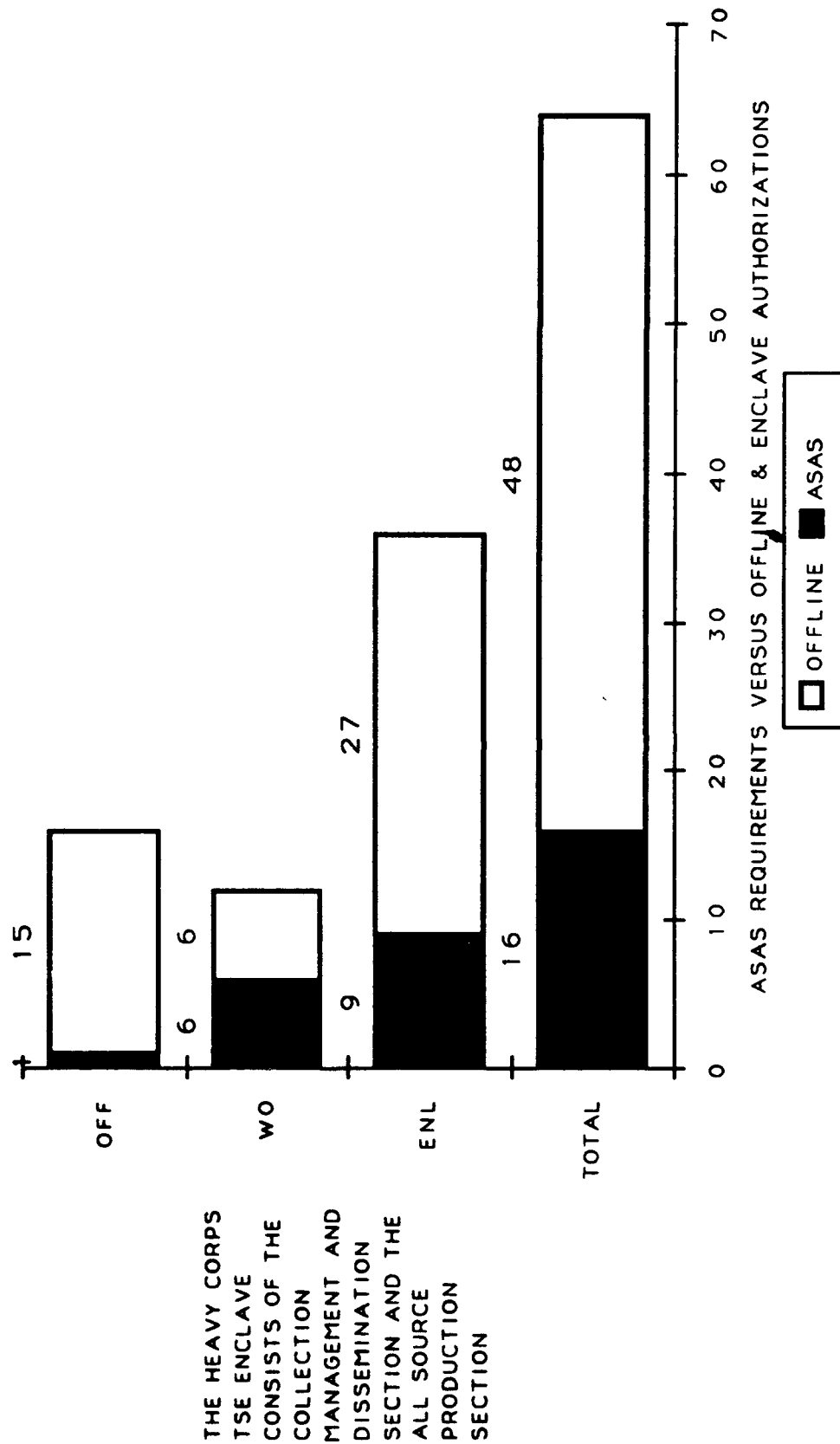
ENCLAVE MANPOWER IMPACTS AIRBORNE CORPS TSE ENCLAVE



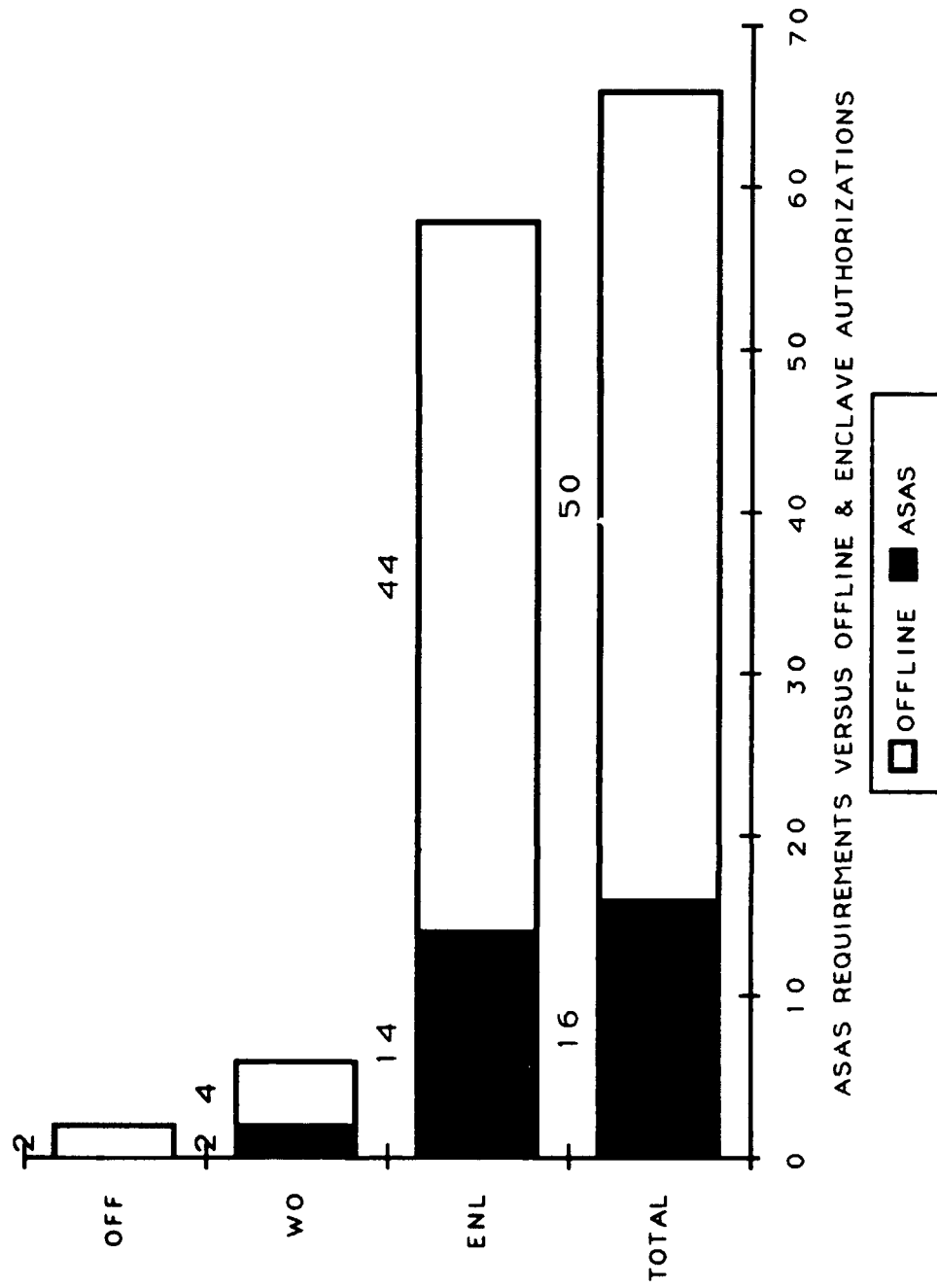
ENCLAVE MANPOWER IMPACTS
AIRBORNE CORPS TCAE ENCLAVE



**ENCLAVE MANPOWER IMPACTS
HEAVY CORPS TSE ENCLAVE**

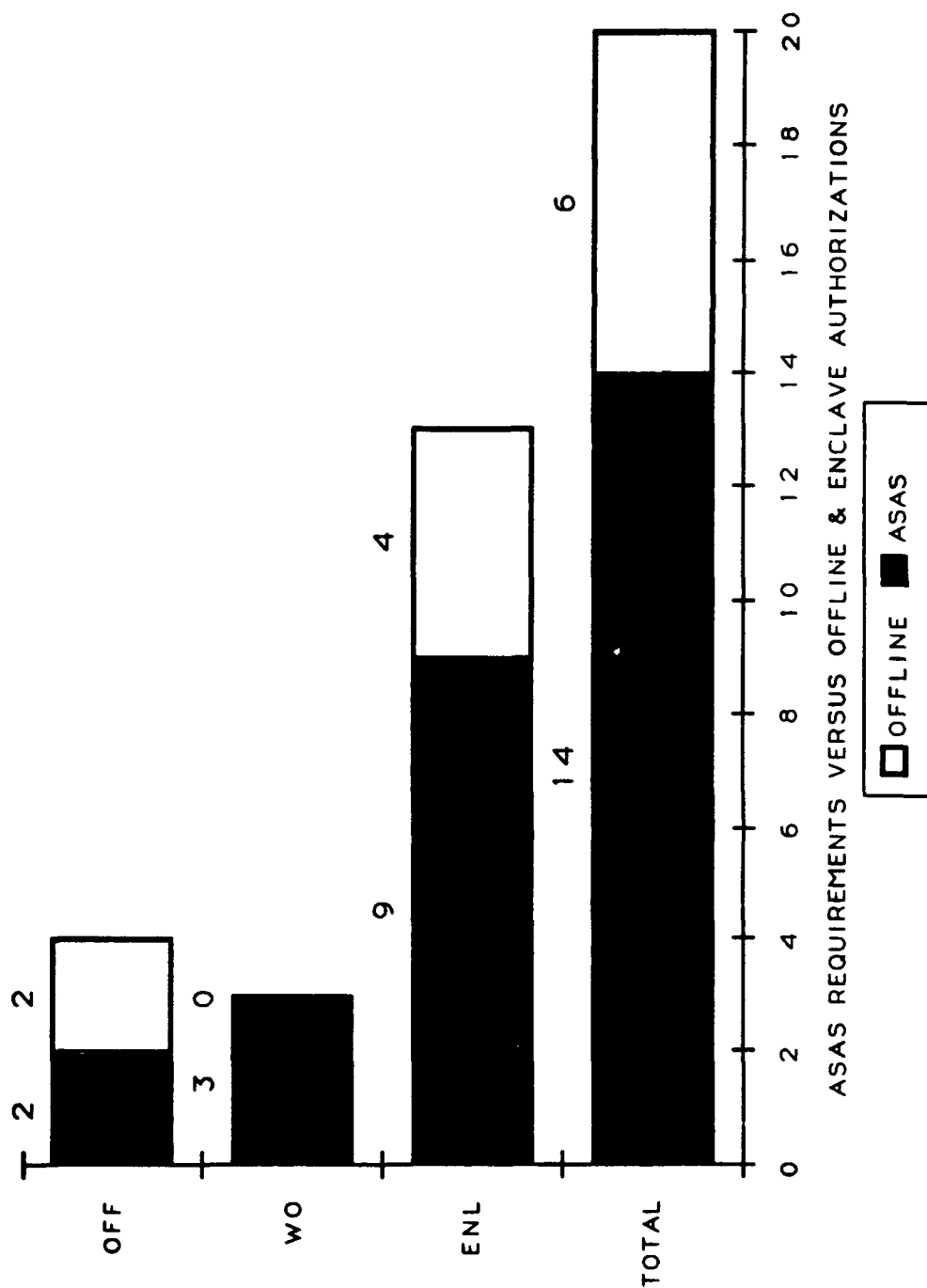


**ENCLAVE MANPOWER IMPACTS
HEAVY CORPS TCAE ENCLAVE**



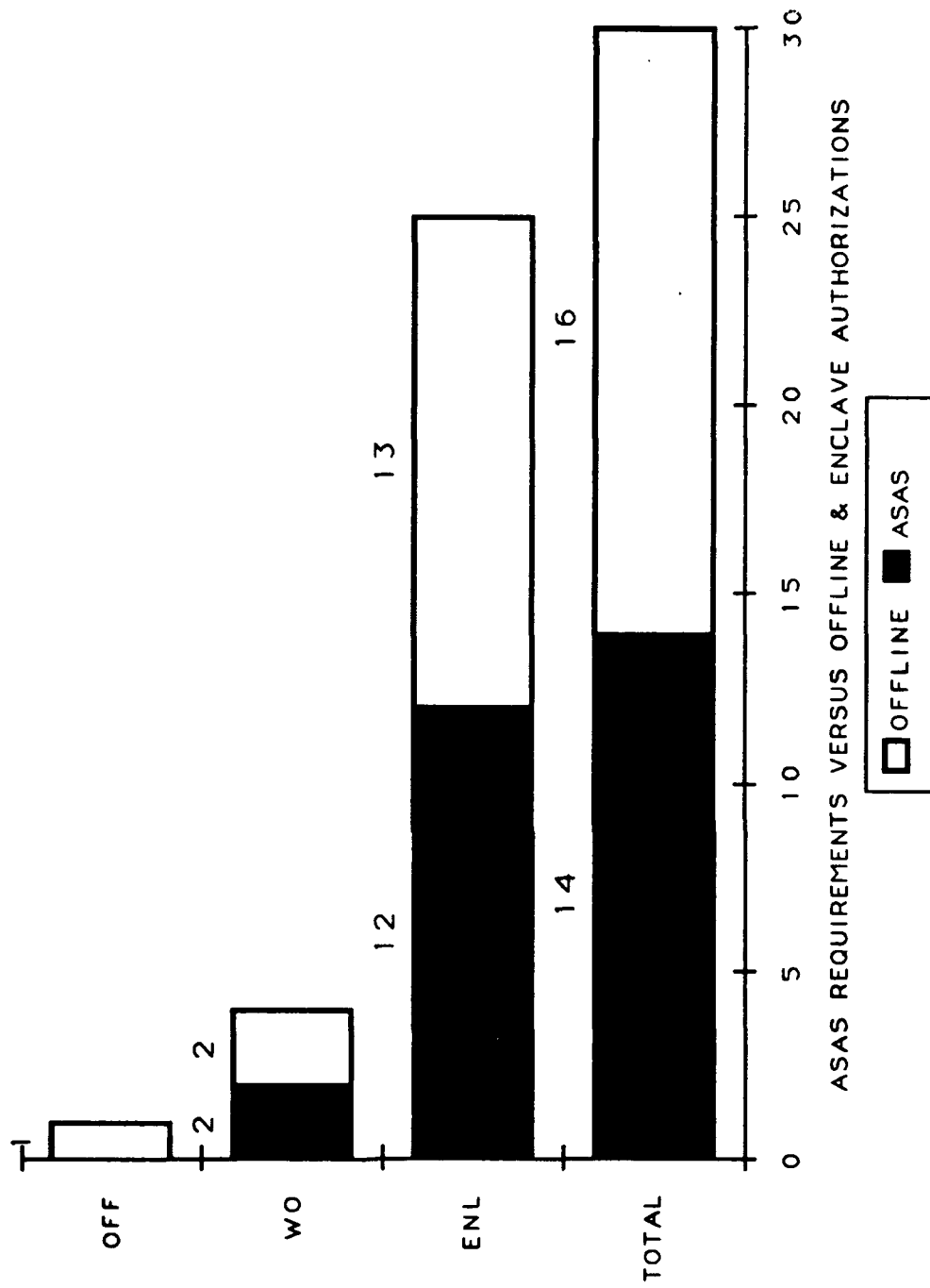
THE HEAVY CORPS
TCAE ENCLAVE
CONSISTS OF THE
TCAE/MISSION
MANAGEMENT
SECTION, SIGINT
INTEGRATION AND
REPORTING SECTION,
ELINT ANALYSIS
TEAM, AND TRAFFIC
ANALYSIS TEAM

**ENCLAVE MANPOWER IMPACTS
LIGHT DIVISION TSE ENCLAVE**



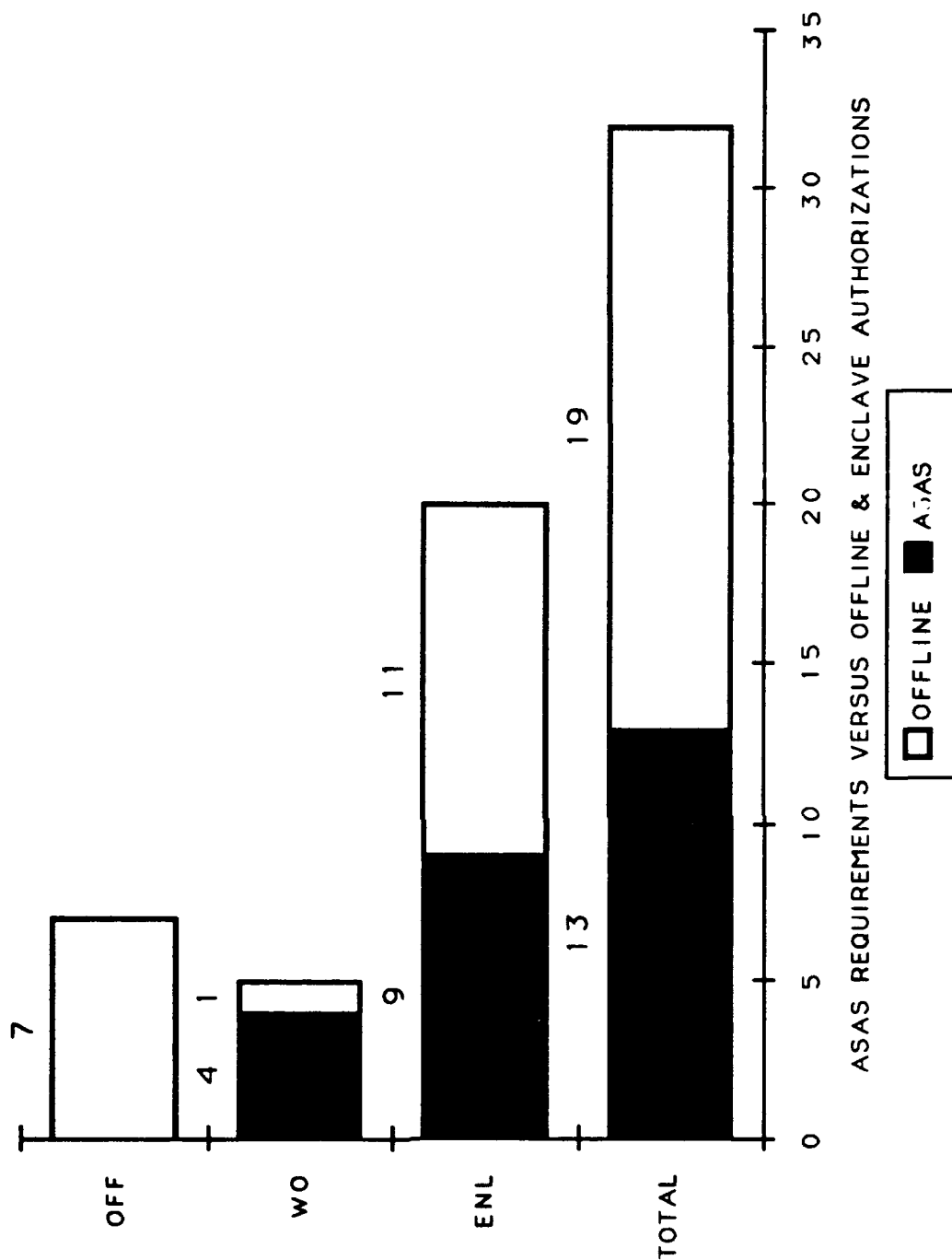
THE LIGHT DIVISION
TSE ENCLAVE
CONSISTS OF THE
DIOC COLLECTION
MANAGEMENT AND
DISSEMINATION
SECTION, AND THE
ALL SOURCE
INTELLIGENCE
SECTION

ENCLAVE MANPOWER IMPACTS
LIGHT DIVISION TCAE ENCLAVE

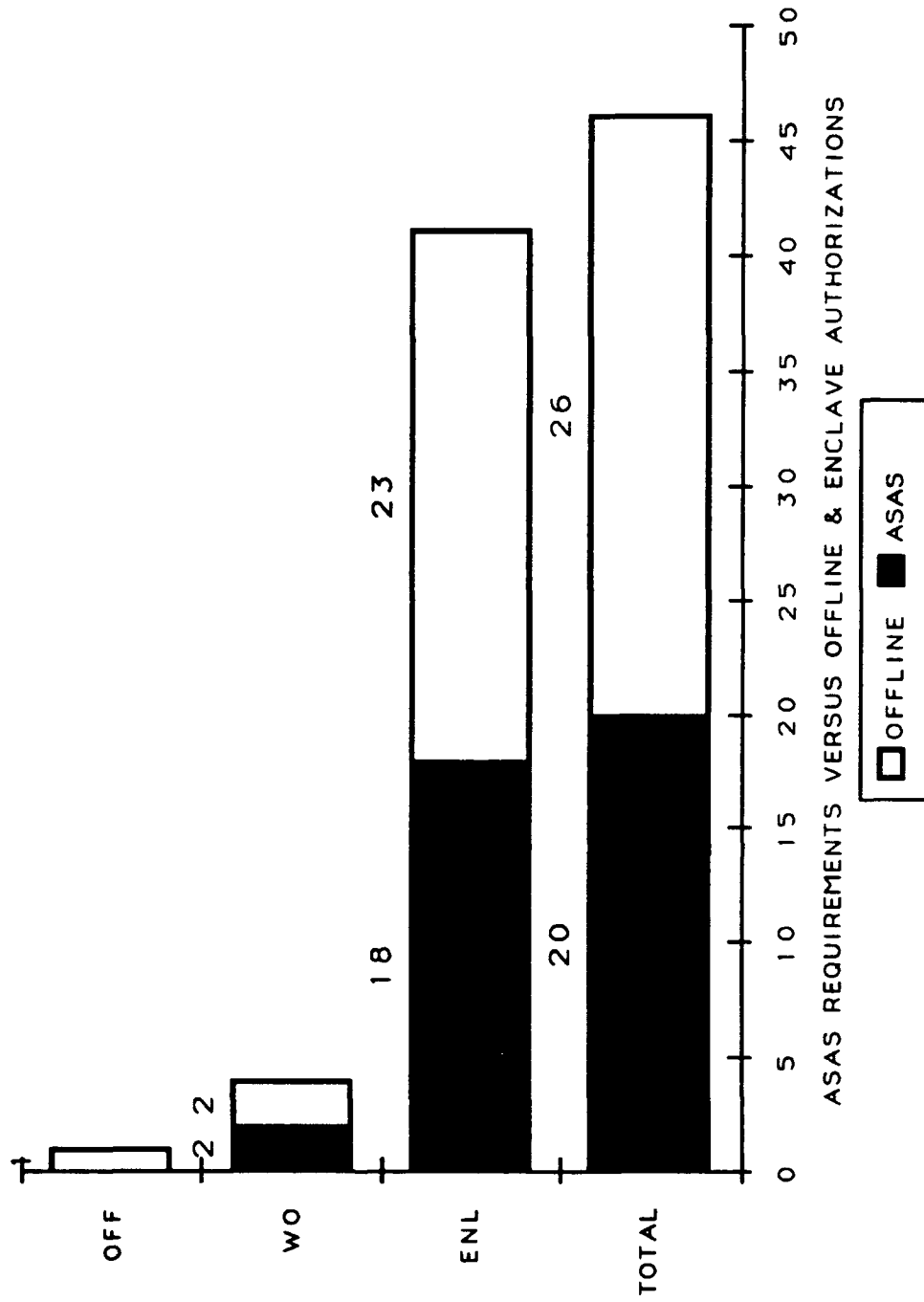


THE LIGHT DIVISION
TCAE ENCLAVE
CONSISTS OF THE
TCAE OPERATIONS
SECTION AND THE
OPERATIONS
SUPPORT SECTION

ENCLAVE MANPOWER IMPACTS
HEAVY DIVISION TSE ENCLAVE



ENCLAVE MANPOWER IMPACTS HEAVY DIVISION TCAE ENCLAVE



THE HEAVY DIVISION
TCAE ENCLAVE
CONSISTS OF THE
TCAE OPERATIONS
SECTION, THE
TRAFFIC ANALYSIS
TEAM, AND THE
ELINT ANALYSIS
TEAM