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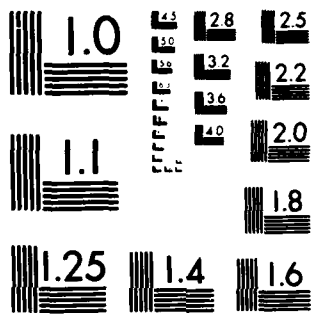
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USATSARCOM TECHNICAL REPORT 83-1

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HISTORICAL INFLATION PROGRAM

(A COMPUTER PROGRAM GENERATING
HISTORICAL INFLATION INDICES FOR
ARMY AIRCRAFT)

WARREN H. GILLE, JR.
JAMES R. HAMILTON

FINAL REPORT
MARCH 1983

U.S. ARMY TROOP SUPPORT
AND AVIATION MATERIEL
READINESS COMMAND
COMPTROLLER
COST ANALYSIS DIVISION
4300 GOODFELLOW BLVD.
ST. LOUIS, MISSOURI 63120



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20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report extends and revises Technical Report 82-2 which presents and de- scribes the <u>Historical Inflation Program</u> , a computer program generating his- torical inflation indices for Army aircraft. The program can be updated monthly, is easily revised for changes in Bureau of Labor Statistics methods, and is capable of handling data for all fiscal year formats. Output is expressed as monthly, quarterly, Fiscal Year, and Calendar Year inflation indices (in Calen- dar Year 1967 base) and inflation factors (in Fiscal Year base). This report contains updated tables of inflation factors, expressed in a FY 82 base.		

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20. ABSTRACT.

These indices and factors provide a means of adjusting historical cost data for the procurement of Army aircraft to constant year dollars. Additional features include: computations for the derivation of revised weighting factors, detailed indices enabling the adjustment of historical labor and material costs separately, a discussion of aggregate weighting factors for labor and materials (including trends from sensitivity analysis with more background materials), and additional documentation aimed at making the report useful to a large cross section of the DOD rotary wing aircraft community. This report has been revised to include the latest information concerning the UH-60A BLACK HAWK. This system has been integrated into the Historical Inflation Program for Army aircraft.



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ACKNOWLEDGEMENTS

The authors extend their appreciation to the Kansas City Regional Office of the Bureau of Labor Statistics, U.S. Department of Labor, for special assistance with wage and price data.

Credit is due Mr. John M. Barnett and Mr. H. Kevin Wille for supplying research material and data from their paper entitled UH-60A BLACK HAWK Aircraft System Peculiar Historical Inflation Indices.

Appreciation is extended to Mr. Bruce Powell, USATSARCOM DMIS, who provided the programming assistance required to introduce the UH-60A High-Technology aircraft into the Historical Inflation Program.

Mrs. Marva Campbell provided excellent clerical support in the revision of this paper.

DISCLAIMER STATEMENT

The views, opinions, and/or findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy, or decision unless so designated by other documentation.

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I. APPLICABILITY. The inflation indices and factors published in this report are applicable to the adjustment of historical costs for the procurement of Army aircraft. These costs are currently funded by the Aircraft Procurement, Army and Other Procurement, Army appropriations.

II. AN OVERVIEW OF THE HISTORICAL INFLATION PROGRAM

A. History

The Historical Inflation Program for Army aircraft procurement was developed using a series of documents, the first being Aerospace Price Indices, by H.G. Campbell, (December 1970).

This document established a basis for the construction of general aircraft indices, identified items of special interest and concern, and demonstrated the importance of thorough analysis of material composition when constructing an historical index. Between 1973-1976, the United States Army Aviation Systems Command (USAAVSCOM) developed several indices for rotary wing aircraft, and since 1977 this function has been performed by the Components and Operational Studies Branch, Cost Analysis Division, Office of the Comptroller, USATSARCOM.

The current indices are based on research done in the period 1972 to date. In July 1973, the Office of the Comptroller, Cost Analysis Division, made a study of materials used in the Army helicopter systems then, or most recently, in production. Cost Information Reports were assembled, and contractors were asked to supply lists of materials for both airframe and engine, on the basis of contribution to weight. Contractor technical and engineering personnel provided assistance with data interpretation and definitions for items whose composition was unclear from engineering documents and Detailed Weight Statements. In January 1983, a special research study entitled UH-60A BLACK HAWK Aircraft System Peculiar Inflation Indices was written by

H. Kevin Wille and John M. Barnett (ref 9) and data from this study has been included in this report.

The following aircraft have been selected:

UH-1	OH-6	AH-1	UH-60A
CH-47	OH-58	CH-54	

This selection of aircraft is deemed typical for several reasons. First, the seven helicopter systems listed above make up over 90% of the U.S. Army's current helicopter fleet. Second, a number of these aircraft have been produced on a long term, continuous basis in numerous models. Third, they are among the systems most likely to be used in developing Cost Estimating Relationships for new systems by use of parametric techniques. And fourth, they include the new high technology UH-60A BLACK HAWK aircraft.

The September 1973 historical inflation cost research report, cited in the references, was the first report to make use of this type of information. It was updated by the August 1974 cost research report, and then by a series of expanded analyses under current title, Historical Inflation Program, since that time. A list of the assumptions and changes in methodology over the period referenced are included in the technical section of this report.

B. Construction of Indices - Methodology.

The indices are developed by a stepwise, building process, which computes the contributions to cost on a weighted, value-added basis.

1. First, the contribution to cost of small parts and other purchased equipment is calculated.

2. Next, the cost contribution of purchased parts is combined with that of raw materials to get the cost of purchased materials.

3. Cost of purchased materials is then combined with contractor labor cost to compute the index for components such as engine or airframe.

4. The indices for engine, airframe, and avionics are combined to get indices for aggregate aircraft.

C. Indexing Techniques.

The procedure used is "cost-weighting". The information obtained from the 1973 research entitled Material Composition of U.S. Army Helicopters established percentages based on weight. Because the indices used to track material costs are based on monetary considerations (e.g., Producer Price Index; Wages, by Standard Industrial Code), percentages by weight had to be transformed into percentage contributions to cost, if PPI and SIC inflation factors were to be applied directly. Based on the premise of profit maximization, contractors should tend to minimize the use of expensive materials subject to maintaining acceptable performance standards; essentially, materials with a high cost per unit weight ratio would be used sparingly. Adjusting a percentage based on weight using a monetary index would not only result in an improper index initially, but also one with diminishing reliability. The latter bias is avoided by calculating

the contribution to cost, instead of merely the contribution to weight.

D. Weighting Factors. Although the model is developed by an iterative, stepwise process, the revised weighting factors in the table at the end of Appendix B implicitly include all calculations. The index, as stated, is merely the direct sum of the products of the weights and their corresponding material index values. The development of weighting factors is illustrated in the Technical Section.

E. Data. The data used in the program are inputted in two different forms. Yearly data are presented by calendar year 1947 to date, and monthly data are presented for 1967 to date. The yearly data, pre 1958, are condensed into three columns; the data for 1958 and later are presented in an 18 column format (14 columns for material and 4 for labor). The data, their characterization, and any redefinition by the Bureau of Labor Statistics over the years, are tracked in line diagram C-2.

F. Validity and Firmness of Data.

The Producer Price Index and hourly wage data were supplied by the Kansas City Regional Office of the Bureau of Labor Statistics, U.S. Department of Labor. The data comes in three types of published format: (1) a cumulative history covering past years on a monthly basis,

(2) an annual publication (such as the Producer Prices and Price Index Annual Supplement) which lists the previous 12 months, and (3) monthly publications which list the most current month and several other months for comparison.

For data to be "firm" it must be at least 18 months old because it is benchmarked and adjusted after the fact. Only small samples are taken throughout the year. However, during one month, the benchmark month, a much more comprehensive sample is taken. Due to its significantly larger sample size, the benchmark month sample is felt to be more representative than those of other individual months. If the benchmark value diverges significantly from the pattern, the other months are adjusted proportionately to conform to its base as benchmark.

The data in a cumulative history publication is felt to be firm or "final". Basically, such publications provide a chronological listing of all firm data available for the past history of those indices. However, the data in these publications is usually 18 to 24 months behind the current period. The data for each month listed in the annual supplements is not necessarily firm because benchmarks occur during the calendar year, and at different times for different series. Adjustments may not have been made before the annual supplements are published. The data in the monthly publications are even less firm. In general, the Producer Price Index data are firm before the wage indices for the corresponding month, due to the fact that it is easier to define and measure price changes for commodities than for human skills.

G. Respecification of the Data Set

From time to time, the Bureau of Labor Statistics redefines labor and material codes to meet the changing needs of its clientele and to cope with a variety of sampling problems. Due to respecification or deletion of PPI codes by BLS, the data set used in the Historical Inflation Program must change. The changes since the last report are as follows:

<u>OLD CODE AND TITLE</u>	<u>NEW CODE AND TITLE</u>
10130262 Sheets, C.R. Carbon	10170711 Sheets,C.R. Carbon
10150153 Alloy Steel Forgings	10151351 Closed Die Forgings
10220111 Lead, Pig	10220127 Lead, Pig
1025013 Rod, Screw, Stock	10250141 Rod,Screw,Stock

The historical flow of the labor and material data from 1947 to date is illustrated by chart C-2, in appendix C.

H. Introduction of the UH-60A BLACK HAWK Aircraft

In October 1978, the first UH-60A Black Hawk helicopter was delivered to the U.S. Army. With development of the Black Hawk, an era of high technology was introduced into the construction of Army aircraft. The airframe and T700 engine of the Black Hawk embody significant technological improvements as compared with previous Army aircraft. Beginning in 1980, preparations to include the UH-60A Black Hawk in the Historical Inflation Program for Army aircraft were undertaken.

The addition of Black Hawk to the Historical Inflation Program required a reevaluation of the Army's average helicopter. With

the inclusion of the Black Hawk, it was evident that the weights accorded high-tech materials such as titanium and monel metal would increase. However in 1980 it was not known how Black Hawk would affect the average bill of materials in the Historical Inflation Program or the indices themselves.

The first attempt to study the content of Black Hawk within the perspective of historical inflation was by H. Kevin Wille and John M. Barnett in their paper UH-60A Black Hawk Aircraft System Peculiar Historical Inflation Indices (reference 9). The same material data and resources were used to construct their system peculiar indices were used to revise the Historical Inflation Program. The most important conclusion reached concerning the calculation of inflation indices in the revised aircraft paper was that the 14 material and 4 labor categories previously established could be retained.

The second conclusion, of course, was that the relative weights of the combined bill of materials had changed and that the contributions to cost of each cost component would have to be recalculated. This was done using ratio and proportion techniques on the original analysis to establish the revised, hi-tech index equations.

The indices exhibit significant change, especially in the engine index. In addition to the current FY 82 index, the hi-tech index is also now used for FY 80 and FY 81. The reasons for this are two. First, between 1978 and 1980 the pipeline for Black Hawk was filled. Second, according to the TSARCOM project managers, in 1980, Black Hawk procurement was more than 50% of the

Army's rotary wing aircraft procurement.

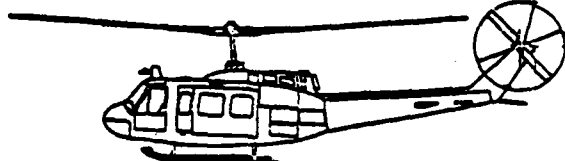
I. Additional Publications Relating to this Report

The Office of the Comptroller, Cost Analysis Division, can supply the following publications which may be of assistance in using and interpreting these inflation indices:

- CM 82-2 Inflation Indices, An Introduction to Basic Theory and Their Application with sample problems. Nov 1981
- CM 83-8 The Historical Inflation Program, for Army Aircraft Abbrev Ed., (Expected April 1983).
- CM 83-2 The Troop Support Inflation Program Jan 1983.

US ARMY HELICOPTER MATERIAL DATA

UNITED STATES ARMY AVIATION



UH-1H "HOUSATON"



UH-60 "BLACK HAWK"

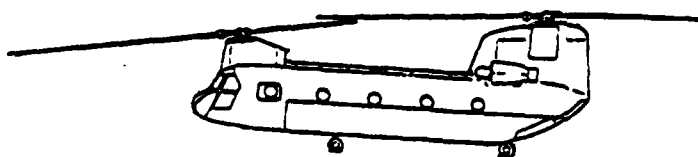


AH-1G "Cobra"

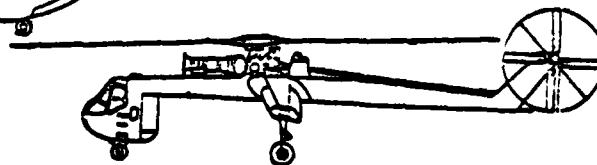


UH-500 "HOUSATON"

U S A R M Y A I R C R A F T



UH-40 "HOUSATON"



UH-60 "BLACK HAWK"



UH-60A (Blackhawk)

Air Order of Battle

United States Army - Quantities and Types of Fielded Aircraft

ROTARY WING AIRCRAFT

As of 31 December 1982

<u>System Designation</u>	<u>Popular Name</u>	<u>Approx Empty Wt.</u>	<u>No. of Aircraft</u>	<u>Percent of Fleet</u>
AH-1	"COBRA"	5,800 lbs.	1,028	13.1%
UH-1	"HUEY"	5,100 lbs.	3,726	47.2%
OH-6	"CAYUSE"	1,200 lbs.	373	4.7%
OH-58	"KIOWA"	1,750 lbs.	1,971	25.0%
CH-47	"CHINOOK"	19,500 lbs.	404	5.1%
CH-54	"SKYCRANE"	19,800 lbs.	72	.9%
UH-60A	"BLACK HAWK"	10,500 lbs.	315	4.0%
AH-64A*	"ADV. ATTACK"	10,400 lbs.	0	0%
			7,889	100.0%

Sources: 1. Field Manual 101-20, HQ Dept of the Army, January 1979.
 2. World Combat Aircraft Directory, Doubleday & Company, 1976.
 3. Army Aircraft Inventory Status and Flying Time, HQ, USA-TSARCOM, 31 Dec 82, p. 15 (Unclassified)

*Six aircraft in inventory as prototypes. Fielding of Aircraft to begin in February 1984.

AMSAN-CCE

31 July 1973

MEMORANDUM TO: Mr. Gerald Dockins, Acting Chief, Estimates and Studies Branch

FROM: Mr. Edward P. Laughlin, Chief, Cost Analysis Division *SL*

SUBJECT: Material Composition Analysis of U.S. Army Helicopters, July 1973

1. On 6 June 1973, this office received a request from Mr. W.J. Trof, AMC Comptroller Office, Cost Analysis Division, for the material composition of a UH-1H helicopter. On 18 June 1973, Chief, AVSCOM Comptroller Office, Cost Analysis Division requested a similar analysis be performed on the following Army helicopters:

- a. CH-47C.
- b. OH-6A.
- c. OH-58A.
- d. AH-1G.
- e. CH-54B.

2. A search of the technical data files and aircraft drawings failed to produce the desired data. The analysis was completed with the assistance of AVSCOM Systems Engineering Division, Directorate of R&E and pertinent U.S. Army Plant Activities. Contractors were also contacted during the data search, and others. The data obtained are a combination of expert opinion, engineering estimates and contractor data obtained under previous contracts.

3. The following Cost Analysis personnel were assigned to this project:

Aircraft System	Assigned To
UH-1H	Gerald Dockins
CH-47C	James Cadell
OH-6A	John Thiemmy
OH-58A	Gerald Dockins/James Cadell
AH-1G	Gerald Dockins/James Cadell
CH-54B	James Cadell

AMSAN-CCE 31 July 1973

SUBJECT: Material Composition Analysis of U.S. Army Helicopters, July 1973

4. Copies of the Material Composition Analysis have been placed in the following files:

- a. A new file folder titled "Material Composition Analysis".
- b. A complete copy of the findings placed in the file folder titled "Inflation".
- c. A separate file of the findings relating to turbine engines has been created.
- 5. Summary Tables and Material Composition Analyses are inclosed.

1 Incl
as

JAMES N. CADELL
Math-Stat

James N. Cadell

MATERIAL COMPOSITION OF US ARMY HELICOPTERS

Material Composition Analysis for U.S. Army Turbine Engines Material (Pounds)

Engine Model	Dry Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Nickel Alloy	Nonmetals	Stainless Steel	Steel Alloy
T53-L-13	527	79	316	80	26	3	0	23	0	0
T63-A-56	138	1	108	26	0	0	0	3	0	0
T63-A-700	138	1	108	26	0	0	0	3	0	0
T55-L-7C	590	0	510	50	20	10	0	0	0	0
T73-P-700	981	1	0	0	0	0	290	0	596	96
T700-GB-700	423	126	85	0	16	1	183	7	0	7

Material Composition Analysis for U.S. Army Helicopter Airframes Material (Pounds)

Aircraft Model	Airframe Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Brass	Bronze	Lead	Tungsten	Nickel Alloy	Nonmetals
AH-1G	4,867	1,809	1,464	136	82	590	0	0	216	0	0	570
UH-1H	4,446	1,500	1,402	200	44	400	100	0	100	0	0	700
UH-60A	8,841	3,040	3,035	352	901	112	2	2	28	0	10	1,363
OH-6A	1,025	666	109	20	1	30	23	3	0	1	25	147
OH-58A	1,448	536	434	29	15	101	0	0	43	0	0	290
CH-47C	9,651	4,156	3,484	602	11	328	2	8	0	23	0	1,037
CH-54B	17,803	8,928	2,480	72	970	516	20	23	1	0	209	4,584

Xi: Included in figures for copper.

Material Composition Analysis of Army Helicopters Material (Pounds)

Aircraft Model	Empty Weight	Aluminum	Steel	Magnesium	Titanium	Copper	Brass	Bronze	Lead	Tungsten	Nickel Alloy	Nonmetals
AH-1G	5,396	1,888	1,780	216	108	593	0	0	216	0	0	593
UH-1H	4,973	1,579	1,718	200	70	400	100	0	100	0	0	726
UH-60A	10,679	3,647	3,604	406	1,057	130	2	2	32	0	223	1,588
OH-6A	1,163	666	218	46	1	30	23	3	0	1	25	158
OH-58A	1,588	536	543	55	15	101	0	0	43	0	0	293
CH-47C	20,483	8,312	7,989	1,304	63	674	4	16	0	45	0	2,074
CH-54B	19,765	8,931	3,860	72	970	516	20	23	1	0	708	4,584

Xi: Included in figures for copper.

AIRCRAFT LABOR AND MATERIAL BREAKDOWN

SUMMARY OF AIRFRAME AND ENGINE CIR DATA¹

	Airframe	Engine
Labor	62.08%	40.85%
Material	<u>37.92%</u>	<u>59.15%</u>
Total Cost	100.00%	100.00%
Raw Material	41.88%	70.58%
Purchased Equipment	<u>58.12%</u>	<u>29.42%</u>
	100.00%	100.00%

NOTES:

(1) Airframe factors were obtained from a sample of 15 CIR reports and other documents representing the AH-1, CH-47, CH-54, OH-6, OH-58, and UH60A aircraft systems.

(2) Engine factors were obtained from a sample of 14 CIR reports and other documents representing 12 different turbine engine configurations procured from Lycoming, Allison, General Electric, and Pratt & Whitney.

1. From HISTORICAL INFLATION INDICES FOR ARMY AIRCRAFT
US Army Aviation Systems Command, St. Louis, 1974, p. 11.

TECHNICAL SECTION

IV. ANALYSIS: (TECHNICAL SECTION).

A. Chronology. Previous efforts related to the development of inflation indices include Aerospace Price Indexes by H.G. Campbell, RAND Corporation, December 1970 (Reference 1) and two cost research reports: Historical Inflation Indices for Army Aircraft, Cost Analysis Division, Office of the Comptroller, U.S. Army Aviation Systems Command, September 1973 (Reference 4), and Historical Inflation Indices for Army Aircraft, Cost Analysis Division, Office of the Comptroller, U.S. Army Aviation Systems Command, August 1974 (Reference 5).

1. Characteristics of the RAND Report.

a. Specific Producer Prices and Price Indexes (Reference 8) and Employment and Earnings (Reference 2) data have been selected as proxy series for similar commodity and labor categories experienced in the procurement of Army aircraft. Aircraft inflation indices are constructed from a weighted average of these proxy series. The weighting factors for this average are derived from estimates of the relative contribution to the total aircraft cost made by each component (commodity or industry labor group) comprising the index. The index is thus a "cost-weighted" series.

b. A 2½ percent compounded annual rate for growth of overhead ratios is assumed.

c. No adjustment is made for productivity increases.

d. Indices are developed on a calendar year basis.

2. Characteristics of the September 1973 Cost Research Report.

a. As with the RAND report, aircraft inflation indices have been constructed from a weighted average of Producer Prices and Price Indexes and Employment and Earnings data selected as proxy series for their similarity to those commodities and labor categories experienced in the procurement of Army aircraft. Weighting factors are proportional to the relative physical weights or masses, rather than to the relative costs of commodities comprising the "composite material" portion of the index as in the RAND report. Thus, the "composite material" portion of the index represents a "weight-weighted" series.

b. Like the RAND report, a 2½ percent annual growth in the overhead ratio is assumed.

c. No adjustment is made for productivity increases.

d. Indices are developed on a calendar year basis.

e. For years for which certain specified Producer Price Indexes were unavailable, data has been projected from adjacent years.

3. Characteristics of the August 1974 Research Report.

a. As before, Producer Prices and Price Indexes and Employment and Earnings data have been selected as proxy series most similar to those commodities and labor categories experienced in the procurement of Army aircraft. The indices have been constructed from a weighted average of these proxy series utilizing the weighting factors used in the September 1973 Cost Research Report. The "composite material" portion of the index represents a "weight-weighted" series.

b. Unlike RAND and the September 1973 Cost Research Report, no adjustment for overhead growth is assumed.

c. No adjustment for productivity increases is assumed.

d. Indices have been extended to FY 1974 by assuming that data for the September 1973 Cost Research Report represented December and hence the fiscal year midpoint, rather than the annual average, of each calendar year.

e. For years for which certain specified Producer Price Indexes were unavailable, data has been projected from adjacent years.

B. Data Sources. Data sources for this report are Producer Prices and Price Indexes (reference 8) and Employment and Earnings (reference 2). To insure that the latest revisions were incorporated into the data base, data was obtained from the Kansas City Regional Office, Bureau of Labor Statistics, and annual supplements to Producer Prices and Price Indexes. For Employment and Earnings, data for any given month was obtained from the latest available source. Data used in this report are displayed in Appendices D, E, G, and H.

C. Methodology.

1. Overhead and Productivity Adjustments. On the basis of data covering a ten year period, the RAND report concluded that there exists a secular growth trend of $2\frac{1}{2}$ percent per year in the production overhead rate. The report also concluded that there has been little, if any, improvement in productivity to counteract the observed trend in overhead growth. This conclusion appears to

be unwarranted, particularly in light of productivity gains recorded (as measured by Industrial Production Indices) for similar sectors of industry. Thus, in order not to unduly bias the results of the analysis, this report makes no adjustment for either overhead growth or improvements in productivity.

2. Calculation of Weighting Factors. From a number of Cost Information Reports, the following weighting factors were developed and reported in the September 1973 Cost Research Report.

For the Airframe:

Purchased Equipment = (.378) Raw Material + (.622) Labor 3728
Total Material = (.582) Purchased Equipment + (.418) Raw Material
Total Airframe = (.378) Total Material + (.622) Labor 3721

For the Engine:

Purchased Equipment = (.599) Raw Material + (.401) Labor 3728
Total Material = (.295) Purchased Equipment + (.705) Raw Material
Total Engines = (.599) Total Material + (.401) Labor 3724

And for Avionics:

Total Avionics = (.315) Material + (.685) Labor 367X

In the previously published indices, the weighting factors used to develop the material portion of the indices were made proportional to the relative physical weights of the various commodities used in the construction of the aircraft. The material portion of these indices thus represent a "weight-weighted" series. In order to be consistent with the intended

purposes of an inflation index, the methodology in this program uses index weighting factors proportional to the numerical products obtained from multiplying the relative physical commodity weights by the appropriate base year cost per pound. This yields a "cost-weighted" index giving more weight to such expensive commodities as titanium. Unfortunately, however, price per pound data are not published in Producer Prices and Price Indexes for each of the commodities used in constructing the indices. To overcome this difficulty, the per pound price was estimated from the available data of the most closely related commodities. To minimize the effect from related commodities which have relatively little economic impact, each price per pound estimate was developed from a weighted average of available data utilizing the Bureau of Labor Statistics 1975 revised relative weights published in the 1975 Annual Supplement to Producer Prices and Price Indexes. The available data then constitutes a weighted sample from which a surrogate price per pound is computed for the Producer Price series in question. See Appendix A for the computations for the derivation of these revised weighting factors, along with their associated cost contribution per pound.

3. Construction of Indices.

a. Calendar Year 1967 was taken as the base for these indices because this year represents the approximate midpoint of the period for which the data supports the development of each of the indices, including those which account for avionics.

Furthermore, 1967 conforms to the base used by the Bureau of Labor Statistics for Producer Price Indexes.

b. Appendix B contains the current Producer Price Index series, Employment and Earnings series, and the associated weighting factors used in the construction of the indices published in this report. Since some of these series have been in existence for only a limited time, other closely related series have been substituted with appropriate mathematical adjustments to insure continuity of the indices. This technique is considered preferable to the synthesis of data by projection from adjacent years. Appendix C depicts the historical flow and identifies the effective dates of series conversions, for the Producer Price Index and the Employment and Earnings data used in the development of the indices published in this report.

c. The term "aggregate" has been selected to indicate inflation indices applicable to the combined Airframe and Engine (aggregate Air Vehicle Excluding Avionics) and to the combined Airframe, Engine, and Avionics (Aggregate Air Vehicle Including Avionics) to avoid confusion with the term "composite" as in "composite escalation indices". Aggregate indices are based upon a standard 70-20-10 weighting (see Reference 6) of the Airframe, Engine and Avionics indices respectively. Aggregate indices are intended for the adjustment of historical cost data for which the distribution of costs for the Airframe, Engine, and Avionics components is unavailable.

d. A section depicting the raw material portion of

the inflation indices is published as Appendix I. It is intended for applications requiring greater accuracy in labor cost escalation. Appropriate labor indices can be obtained from the Bureau of Labor Statistics Employment and Earnings series (Reference 2) as follows:

<u>Labor Category</u>	<u>1967 SIC Code</u>	<u>1972 SIC Code</u>	<u>Industry</u>
Airframe Contractor	3721	3721	Aircraft
Airframe Subcontractor	3723,9	3728	Other aircraft part & equipment
Engine Contractor	3722	3724	Aircraft engines & engine parts
Engine Subcontractor	3723,9	3728	Other aircraft parts & equipment
Avionics	3674,9	367X	Other electronic components
Aggregate Air Vehicle Excluding Avionics	372	372	Aircraft and parts

With appropriate adjustments, labor cost data from specific geographic areas, manufacturers, or plants can be used. The computational formulas for labor cost indexes are given on page B-5 in appendix B.

e. The Basic Computational Methodology is as follows:

(1) For Components: Airframe, Engine, and Avionics.

(a) Calendar year indices are computed using sum of weighted calendar year labor and material indices.

(b) Fiscal year indices are computed in a manner similar to calendar year, but the yearly fiscal averages are generated from the monthly data.

(c) Quarterly indices are computed by averaging three

months data from the monthly data set.

(d) Monthly indices are computed by direct calculation using monthly data. It is a weighted average of monthly figures computed using the same methodology as in computing the calendar year indices.

For additional information, see Appendix B.

(2) Aircraft System Cost

The inflation indices for "Aggregate Vehicle" and "Aggregate Vehicle without Avionics" are produced by combining the three separate indices:

<u>Component</u>	<u>Relative Weight</u>
Airframe Index	70%
Engine Index	20%
Avionics Index	10%

Aggregate Vehicle	100%
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<u>Component</u>	<u>Relative Weight w/o Avionics</u>
Airframe Index	78%
Engine Index	22%

Aggregate Vehicle without Avionics	100%
---------------------------------------	------

b. Reduced form equations are displayed in Appendix B, page B-6.

V. DESCRIPTION OF COMPUTER PROGRAM AND ASSOCIATED APPENDICES.

The Historical Inflation Program is a computer program used to generate historical inflation indices for Army aircraft and their major subsystems. Appendices D and G contain the annual data used by the program, while the monthly data, commencing July 1967, are in Appendices E and H. Producer Price Index and Earnings data in these Appendices have been arrayed into columns with the same numerical code sequence used in Appendix B. Historical inflation indices and factors are published in Appendix F. Fiscal Year, quarterly, and monthly indices have been developed from the appropriate monthly data. A section containing the raw material portion only of these indices is published as Appendix I. The labor portion of these indices may be obtained by applying the methodology described on pages B-2 through B-5 to the data contained in appendices D and E.

VI. SENSITIVITY ANALYSIS

Many considerations are important when constructing Historical Indices for tracking purposes. These certainly include the following:

- a. The nature of the items chosen to comprise the index.
 - (1) How typical or representative the items are.
 - (2) How closely the proxy items approximate the actual items, if indices for the actual items are not obtainable.
 - (3) The number of items used, and the detail in the analysis which produced the indices.
- b. The determination of the percent contribution to cost - "Cost Drivers".
- c. The weighting factors employed in the overall analysis.

A difficult problem confronting cost analysts, who must determine the validity of an historical index for tracking purposes, relates to aggregate labor/material weighting factors. In tracking major weapons systems, the ratio is often stated as say 40/60 - that is 40 percent material and 60 percent labor - as percent contributions to cost. Because it is difficult for analysts to determine the "correct" aggregate mix of labor and material, being external to the project, the aggregate split is certainly of interest.

The value for any index depends on three factors:

1. The number of factors employed, and the quality and depth of the analysis.
2. The values for each component of cost used in the construction of the index.
3. The weights, or levels of importance, given to the factors, individually and collectively.

The objective of this sensitivity analysis is to shed some light on the way in which the aggregate labor/material split affects the index, which has been a controversial issue for some time. Using a set of recursive linear equations, the effect on the historical inflation index, for airframe, resulting from varying the aggregate weighting scheme was calculated, in both raw and percentage terms. The calculations were made using a Wang system 2200 minicomputer, and a sample printout follows. The results provide evidence that the key to a successful index resides in item a. (3) the number of items used, and the quality and detail in the analysis used in preparing the index. Because wages are often tied to the Producer Price Index, or other price indices, in labor agreements, it is not surprising that aggregate weighting percentages for labor and material might not be an extremely sensitive issue. However, the calculations provide strong support

for the position that the identification of cost components and the depth and quality of detail in an analysis are of paramount importance, when developing an index to be used in controlling the cost of a major weapon system.

***** S E N S I T I V I T Y A N A L Y S I S *****

(SENSITIVITY OF AIRFRAME INDEX TO CHANGES IN GROSS WEIGHTING FACTORS)

EXAMPLE USING CALENDAR YEAR 1978

*** DATA ***

GROSS MATL	GROSS LABOR	PURE MATL	PURE LABOR	NEW INDX	CURR INDX	PERCENT CHANGE
178	.6220	.2411	.7588	2.1471	2.1470	0.00
200	.8000	.1068	.8931	2.1659	2.1470	0.88
250	.7500	.1408	.8591	2.1611	2.1470	0.66
300	.7000	.1777	.8222	2.1559	2.1470	0.41
350	.6500	.2175	.7824	2.1504	2.1470	0.15
400	.6000	.2603	.7396	2.1444	2.1470	- 0.12
450	.5500	.3059	.6940	2.1380	2.1470	- 0.41
500	.5000	.3545	.6455	2.1312	2.1470	- 0.73
550	.4500	.4059	.5940	2.1239	2.1470	- 1.07
600	.4000	.4603	.5396	2.1163	2.1470	- 1.42
650	.3500	.5175	.4824	2.1083	2.1470	- 1.80
700	.3000	.5777	.4222	2.0998	2.1470	- 2.19
750	.2500	.6408	.3591	2.0910	2.1470	- 2.60
800	.2000	.7068	.2931	2.0817	2.1470	- 3.03

SIC 3721 - 7.700 SIC 3722.9 - 6.920 NEW MAT IND = .4920

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3. International Financial Statistics. Washington, DC: International Monetary Fund, Monthly.
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APPENDIX A
COMPUTATIONS FOR THE DERIVATION
OF REVISED WEIGHTING FACTORS
FOR THE HISTORICAL INFLATION PROGRAM

COMPUTATIONS FOR THE DERIVATION OF
REVISED WEIGHTING FACTORS
FOR THE HISTORICAL INFLATION PROGRAM

PPI CODE	Commodity ¹	1967 Price Per Pound	Weight ²	Product ³	Weighted ⁴ 1967 Price Per Pound
07	<u>RUBBER AND PLASTIC PRODUCTS</u>				.2376
07 11 01 01	Latex	.2642	.006	.001585	
07 11 01 02	No. 1 Ribbed Smoked Sheets	.1992	.009	.001793	
03	No. 2 Ribbed Smoked Sheets	.1951	.021	.004097	
04	No. 3 Amber Blanket	.1820	.021	.003822	
02 11	Butyl, Regular	.25	.012	.003	
12	Neoprene, GN Type	.41	.020	.008199	
13	Styrene Butadiene, Hot	.2224	.021	.004671	
15	Polybutadiene, Non-Staining	.2476	.009	.002228	
03 21	Whole Tire Reclaim	.113	.009	.001017	
			.123	.030412	
10 17 07 11	<u>SHEETS, CARBON STEEL</u>	.0737			.0737
10 13 02 64	<u>SHEETS, C.R., STAINLESS</u>	.5531			.5531
10 15 01 41	<u>STEEL CASTINGS</u>				
10 15 13 51	<u>CLOSED DIE FORGINGS</u>	.049			.0497
10 15 01 11	<u>Ingot Molds</u>				.14
10 22 01 27	<u>LEAD, PIG, COMMON</u>	.1			.14
10 22 01 51	<u>MAGNESIUM, PIG INGOT</u>	.3595			.3595
10 25 01 01	<u>ALUMINUM SHEET</u>	.4185			.4185
10 25 01 41	<u>ROD, SCREW, MACHINE STOCK</u>	.6315			.6315
10 25 01 17	<u>EXTRUSION, SOLID CIRCLE SIZE</u>				
10 25 01 41	<u>4 TO 56</u>				
	Rod, Screw, Machine Stock	.6315			.6315

<u>PPI CODE</u>	<u>Commodity</u> ¹	<u>1967 Price</u> <u>Per Pound</u>	<u>Weight</u> ²	<u>Product</u> ³	<u>Weighted</u> ⁴ <u>1967 Price</u> <u>Per Pound</u>
10 25 02	COPPER AND BRASS MILL SHAPES				
31	Cartridge Brass Strip, 70-30 Alloy	.6033	.121	.073	.6216
32	Yellow Brass Rod (62-35-3 Alloy)	.4602	.082	.03774	
33	Yellow Brass Tube (70-30 Alloy)	.7841	.048	.03764	
55	Copper Sheet or Strip	.6924	.108	.07478	
			.359	.22316	
10 25 04 63	MONEL SHEET, CR 400 ALLOY	1.3752			1.3752
10 25 05	TITANIUM MILL SHAPES ⁵				5.2926
25	Titanium Bar, Ground, 6AL-AV	5.2926			

NOTES: 1. Capitalized and Underlined Commodity Titles indicate PPI Series actually used in the Historical Inflation Program.

2. Weight is Bureau of Labor Statistics revised relative weight for the Producer Price Index. Source: 1975 Annual Supplement to Producer Prices and Price Indexes.

3. Product = (1967 Price Per Pound) x (Weight).

4. Weighted 1967 Price Per Pound = $\frac{\text{Product}}{\text{Weight}}$

5. 1967 Titanium Bar price per pound computed by utilizing Titanium Sponge index as surrogate for 1967 - Dec 1970. Titanium Mill Shapes index established December 1970. Titanium Sponge index for December 1970 is 95.5.

6. Tracked using proxy PPI Code 10250153 beginning in Jan 1982.

COMPUTATIONS FOR THE DERIVATION OF
REVISED WEIGHTING FACTORS
FOR THE HISTORICAL INFLATION PROGRAM

PPI Code	COMMODITY	Contrib. to Weight Airframe	Contrib. to Weight Engine	1967 Cost Per Pound	(DOL\$) Contr. to cost per lb Airframe	(DOL\$) Contr. to cost per lb Engine	Percent Contrib. to cost Airframe	Percent Contrib. to cost Engine
07	Rubber and Plastic Products	.17	.012	.2376	.04039	.00285	.0211	.0023
10 17 07 11	Sheets, Carbon Steel	.055		.0737	.00405		.0021	
10 13 02 64	Sheets, C.R., Stainless		.584	.5531		.32301		.2625
10 15 01 41	Steel Castings	.22		.0497	.01093		.0057	
10 15 13 51	Closed Die Forgings		.146	.0497		.00725		.0059
10 22 01 27	Lead, Pig, Common	.01		.14	.0014		.0007	
10 22 01 51	Magnesium, Pig Ingot	.033	.077	.3595	.01186	.02768	.0062	.0225
10 25 01 01	Aluminum Sheet	.256	.021	.4185	.10715	.00879	.0560	.0071
10 25 01 41	Rod, Screw, Machine Stock	.043	.004	.6315	.02715	.00253	.0142	.0021
10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.128	.01	.6315	.08083	.00632	.0422	.0051
10 25 02	Copper and Brass Mill Shapes	.049	.005	.6216	.03046	.00311	.0159	.0025
10 25 04 63	Monel Sheet, CR 400 Alloy	.011	.122	1.3752	.01513	.16777	.0079	.1364
10 25 05	Titanium Mill Shapes	.025	.019	5.2926	.13231	.10056	.0691	.0817
		1.000	1.000		\$.46167	\$.64986	.2411	.5281
					(24.11%)	(52.81%)		

EXPLANATORY NOTES FOR REVISED WEIGHTING FACTORS

HISTORICAL INFLATION PROGRAM

CONTRIBUTION TO COST	=	CONTRIBUTION TO WEIGHT	X	1967 COST PER POUND	X	NORMALIZATION FACTOR
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NOTES: 1. Contributions to cost and weight are percentages in decimal form.

2. Normalization Factor = $\frac{\text{Percent Contribution to Cost of Material}}{\text{Material Cost Per Pound}}$

a. Engine Normalization Factor = $\frac{.5281}{.64986} = .813$

b. Airframe Normalization Factor = $\frac{.2411}{.46167} = .522$

3. Coefficient for Titanium reduced by a factor of .955 in December 1970. Titanium Sponge Index replaced by Titanium Mill Shape Index.

COMPUTATIONS FOR THE DERIVATION OF
REVISED WEIGHTING FACTORS
FOR THE HISTORICAL INFLATION PROGRAM

<u>PPI Code</u>	<u>COMMODITY</u>	<u>Percent Contrib to Cost Airframe</u>	<u>Percent Contrib to Cost Engine</u>	<u>High Tech Adj. Factor Airframe</u>	<u>High Tech Adj. Factor Engine</u>	<u>High Tech Percent Contrib to Cost Airframe</u>	<u>High Tech Percent Contrib to Cost Engine</u>
07	Rubber and Plastic Products	.0211	.0023	1.004	.964	.0181	.0014
10 17 07 11	Sheets, Carbon Steel	.0021	-	1.010	-	.0019	-
10 13 02 64	Sheets, C.R., Stainless	-	.2625	-	.967	-	.1631
10 15 01 41	Steel Castings	.0057	-	1.010	-	.0050	-
10 15 13 51	Closed Die Forgings	-	.0059	-	.977	-	.0038
10 22 01 27	Lead, Pig, Common	.0007	-	.921	-	.0006	-
10 22 01 51	Magnesium, Pig Ingot	.0062	.0225	1.000	.922	.0053	.0134
10 25 01 01	Aluminum Sheet	.0560	.0071	.992	1.118	.0474	.0051
10 25 01 41	Rod, Screw, Machine Stock	.0142	.0021	.992	1.118	.0120	.0016
10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.0422	.0051	1.010	1.118	.0364	.0037
10 25 02	Copper and Brass Mill Shapes	.0159	.0025	.927	.970	.0126	.0016
10 25 04 63	Monel Sheet, CR 400 Alloy	.0079	.1364	1.050	3.220	.0071	.2822
10 25 05	Titanium Mill Shapes	.0660	.0817	1.640	1.000	.0922	.0525
		.2380	.5281			.2380	.5281
						(23.80%)	(52.81%)

EXPLANATORY NOTES FOR REVISED WEIGHTING FACTORS

HI-TECH COMPUTATIONS

HI-TECH CONTRIBUTION TO COST	=	PERCENT CONTRIBUTION TO COST	X	HI-TECH ADJUSTMENT FACTOR	X	NORMALIZATION FACTOR
------------------------------------	---	------------------------------------	---	---------------------------------	---	-------------------------

- NOTES: 1. Hi-Tech Adjustment Factor = $\frac{\text{New Material Percent by Weight}}{\text{Old Material Percent by Weight}}$
- i.e. engine monel sheet is 4.25% by weight under the new bill of materials and 1.32% under the old, so the Adjustment Factor = $\frac{4.25\%}{1.32\%} = 3.22$

2. Normalization Factor = $\frac{\text{Sum of Old Contributions to Cost}}{\text{Sum of New Contributions to Cost}}$

a. Engine Normalization Factor = $\frac{.5281}{.8219} = .6425$

b. Airframe Normalization Factor = $\frac{.2380}{.2794} = .8520$

3. Normalization Factor reduces total material percentages to .2380 (Airframe) and .5281 (Engine) so that when combined with labor percentages of .7620 (Airframe) and .4719 (Engine) cost contributions sum to unity.

i.e. $.2380 + .7620 = 1.000$ and $.5281 + .4719 = 1.000$

APPENDIX B
PRODUCER PRICE INDEXES AND EARNINGS SERIES
USED IN
HISTORICAL INFLATION PROGRAM
WITH REVISED WEIGHTING FACTORS

PRODUCER PRICE INDEXES AND EARNINGS SERIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

<u>Var</u>	<u>PPI Code</u>	<u>Commodity</u>	<u>Airframe</u>	<u>*HI-TECH Airframe</u>
(1)	07	Rubber and Plastic Products	.0211	.0181
(2)	10 17 07 11	Sheets, Carbon Steel	.0021	.0019
(3)	10 13 02 64	Sheets, C.R., Stainless		
(4)	10 15 01 41	Steel Castings	.0057	.0050
(5)	10 15 13 51	Closed Die Forgings		
(6)	10 22 01 27	Lead, Pig, Common	.0007	.0006
(7)	10 22 01 51	Magnesium, Pig Ingot	.0062	.0053
(8)	10 25 01 01	Aluminum Sheet	.0560	.0474
(9)	10 25 01 41	Rod, Screw, Machine Stock	.0142	.0120
(10)	10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.0422	.0364
(11)	10 25 02	Copper and Brass Mill Shapes	.0159	.0126
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy	.0079	.0071
(13)	10 25 05	Titanium Mill Shapes	.0660	.0922
(14)	11 78	Electronic Components		
	<u>SIC Code</u>	<u>Industry</u>		
(15)	367X	Other Electronic Components		
(16)	3721	Aircraft	.6220	.6220
(17)	3724	Aircraft Engines and Engine Parts		
(18)	3728	Other Aircraft Parts and Equipment	.1369	.1369

* Includes UH-60A BLACK HAWK Aircraft

1.0000

1.0000

PRODUCER PRICE INDEX FOR ENGINE SUPPLIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

<u>Var</u>	<u>PPI Code</u>	<u>Commodity</u>	<u>Engine</u>	<u>*HI-TECH Engine</u>
(1)	07	Rubber and Plastic Products	.0023	.0014
(2)	10 17 07 11	Sheets, Carbon Steel		
(3)	10 13 02 64	Sheets, C.R., Stainless	.2625	.1631
(4)	10 15 01 41	Steel Castings		
(5)	10 15 13 51	Closed Die Forgings	.0059	.0038
(6)	10 22 01 27	Lead, Pig, Common		
(7)	10 22 01 51	Magnesium, Pig Ingot	.0225	.0134
(8)	10 25 01 01	Aluminum Sheet	.0071	.0051
(9)	10 25 01 41	Rod, Screw, Machine Stock	.0021	.0016
(10)	10 25 01 17	Extrusion, Solid Circle Size 4 to 5	.0051	.0037
(11)	10 25 02	Copper and Brass Mill Shapes	.0025	.0016
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy	.1364	.2822
(13)	10 25 05	Titanium Mill Shapes	.0817	.0525
(14)	11 78	Electronic Components		
	<u>SIC Code</u>	<u>Industry</u>		
(15)	367X	Other Electronic Components		
(16)	3721	Aircraft		
(17)	3724	Aircraft Engines and Engine Parts	.4010	.4010
(18)	3728	Other Aircraft Parts and Equipment	.0709	.0709

* Includes UH-60A/T700 Engine

1.0000

1.0000

PRODUCER PRICE INDEXES AND EARNINGS SERIES
USED IN HISTORICAL INFLATION PROGRAM AND
REVISED WEIGHTING FACTORS

<u>Var</u>	<u>PPI Code</u>	<u>Commodity</u>	<u>Avionics</u>	<u>HI-TECH Avionics</u>
(1)	07	Rubber and Plastic Products		
(2)	10 17 07 11	Sheets, Carbon Steel		
(3)	10 13 02 64	Sheets, C.R., Stainless		
(4)	10 15 01 41	Steel Castings		
(5)	10 15 13 51	Closed Die Forgings		
(6)	10 22 01 27	Lead, Pig, Common		
(7)	10 22 01 51	Magnesium, Pig Ingot		
(8)	10 25 01 01	Aluminum Sheet		
(9)	10 25 01 41	Rod, Screw, Machine Stock		
(10)	10 25 01 17	Extrusion, Solid Circle Size 4 to 5		
(11)	10 25 02	Copper and Brass Mill Shapes		
(12)	10 25 04 63	Monel Sheet, CR 400 Alloy		
(13)	10 25 05	Titanium Mill Shapes		
(14)	11 78	Electronic Components	.3150	.3150
(15)	367X	Other Electronic Components	.6850	.6850
(16)	3721	Aircraft		
(17)	3724	Aircraft Engines and Engine Parts		
(18)	3728	Other Aircraft Parts and Equipment		
			1.0000	1.0000

COMPUTATIONAL FORMULAS FOR LABOR COST INDEXES

The data for cost of labor services is supplied by the Bureau of Labor Statistics, as hourly wage rates by Standard Industry (SIC) Codes, and are reported on a regular basis in Employment and Earnings. Because material indices are expressed as indexes, base 100, and wages are expressed in dollars per hour, labor costs over time must be converted to indices before calculations can be made. The dollar per hour to index conversions for the labor categories are done

as follows:

Var	SIC Code	Industry	Current Hr. Wage	CY 1967 Hr. Wage	Current Index
(15)	367X	Electronic Components	Current Hr. Wage	$\div$ \$ 2.34 X 100%	= 367X Index
(16)	3721	Aircraft Production	Current Hr. Wage	$\div$ \$ 3.49 X 100%	= 3721 Index
(17)	3724	Aircraft Engines & Engine Parts	Current Hr. Wage	$\div$ \$ 3.42 X 100%	= 3724 Index
(18)	3728	Aircraft Equipment	Current Hr. Wage	$\div$ \$ 3.35 X 100%	= 3728 Index

REDUCED FORM EQUATIONS

$$\begin{aligned}\text{Airframe} = & .0211(V-1) + .0021(V-2) + .0057(V-4) + .0007(V-6) + .0062(V-7) \\ & + .056(V-8) + .0142(V-9) + .0422(V-10) + .0159(V-11) + .0079(V-12) \\ & + .0660(V-13) + .622(V-16)(100/3.49) + .1369(V-18)(100/3.35)\end{aligned}$$

$$\begin{aligned}\text{Engine} = & .0023(V-1) + .2625(V-3) + .0059(V-5) + .0225(V-7) + .0071(V-8) \\ & + .0021(V-9) + .0051(V-10) + .0025(V-11) + .1364(V-12) + .0817(V-13) \\ & + .401(V-17)(100/3.42) + .0709(V-18)(100/3.35)\end{aligned}$$

$$\text{Avionics} = .3150(V-14) + .6850(V-15)(100/2.34)$$

HI-TECH REDUCED FORM EQUATIONS

$$\begin{aligned}\text{HI-TECH Airframe} = & .0181(V-1) + .0019(V-2) + .0050(V-4) + .0006(V-6) + .0053(V-7) \\ & + .0474(V-8) + .0120(V-9) + .0364(V-10) + .0126(V-11) + .0071(V-12) \\ & + .0922(V-13) + .622(V-16)(100/3.49) + .1369(V-18)(100/3.35)\end{aligned}$$

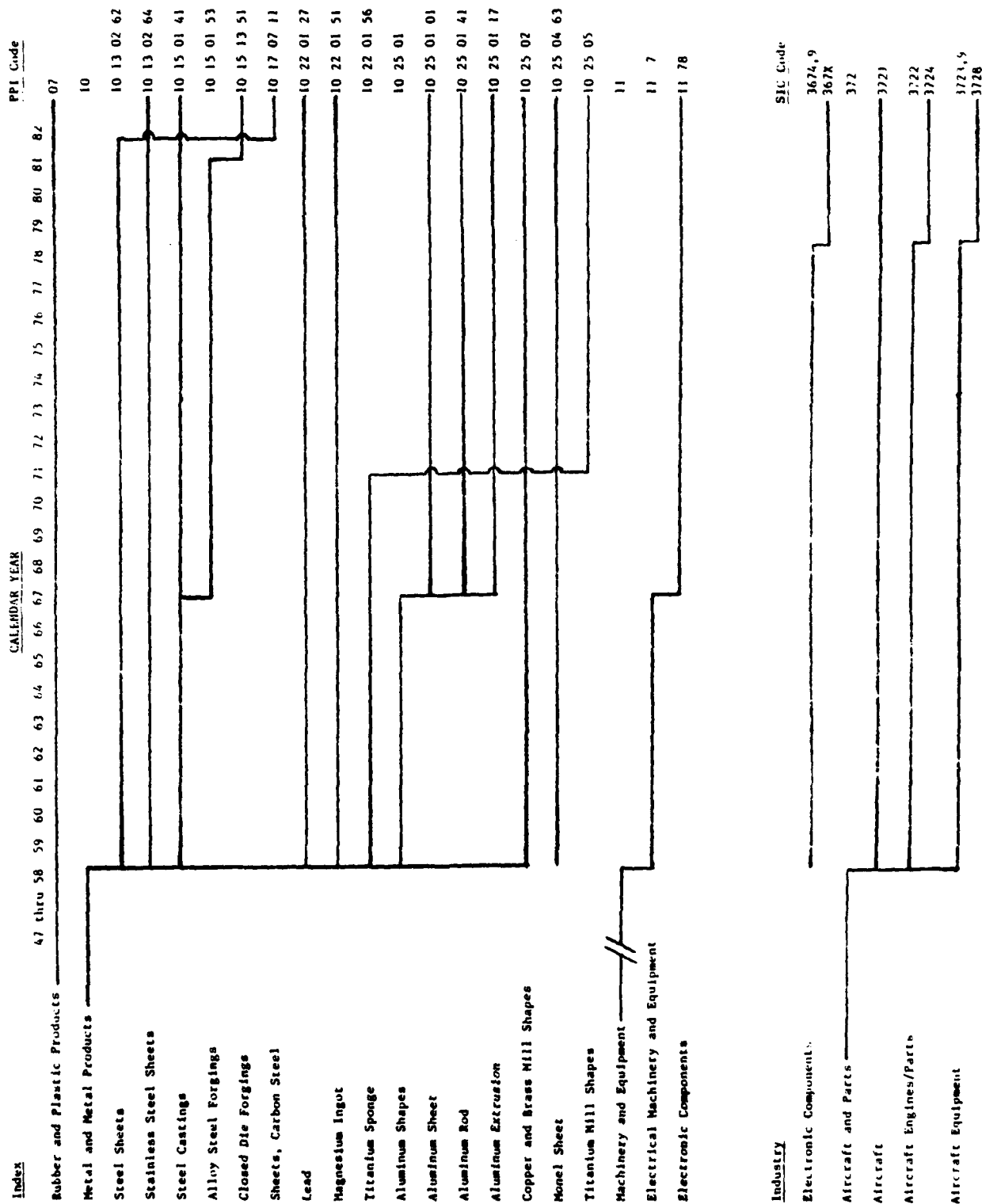
$$\begin{aligned}\text{HI-TECH Engine} = & .0014(V-1) + .1631(V-3) + .0038(V-5) + .0134(V-7) + .0051(V-8) \\ & + .0016(V-9) + .0037(V-10) + .0016(V-11) + .2822(V-12) + .0525(V-13) \\ & + .401(V-17)(100/3.42) + .0709(V-18)(100/3.35)\end{aligned}$$

$$\text{HI-TECH Avionics} = .3150(V-14) + .6850(100/2.34)$$

variables (V-1) thru (V-18) are defined on page B-2

APPENDIX C
HISTORICAL FLOW OF PRODUCER PRICE INDEXES AND
EARNINGS SERIES USED IN HISTORICAL INFLATION
PROGRAM WITH REVISED WEIGHTING FACTORS

Historical Flow of Producer Price Indexes and Earnings Series Used in Historical Inflation Program



APPENDIX D
ANNUAL DATA FOR THE HISTORICAL INFLATION PROGRAM FOR U. S.
ARMY ROTARY WING AIRCRAFT

.....
 . C A L I F O R N I A .
 . Y E A R .
 . P R I - 1 9 5 8 .

CV	441-07	441-10	SIC372
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1947	70.50	54.50	1.372
1948	72.30	62.50	1.467
1949	71.50	63.00	1.560
1950	55.90	61.30	1.637
1951	105.40	73.81	1.760
1952	75.50	73.90	1.890
1953	89.10	76.30	1.990
1954	50.40	76.50	2.070
1955	102.40	82.10	2.160
1956	193.50	49.20	2.270
1957	103.40	91.00	2.350

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
	OUTR	130200	130204	130208	130211	220151	220151	250101	250115	250117	250208	250403	250508	117008	FLECT	ACFI	ENG	UMH
CY	QUINER	CP	STL	CAST	FORGE	FLTS	MAGNET	ALUMIN	SC	STK	EXTRD	COVERS	ARMEL	TIMMIL	FLECT	SETH		
1358	105.30	95.10	125.70	95.20	95.20	86.70	100.00	107.00	107.00	107.00	70.10	70.00	144.50	94.90	1.71	2.51	2.31	2.44
1359	105.30	94.70	121.50	96.40	96.40	87.20	100.00	106.00	106.00	106.00	70.00	70.00	122.40	99.50	1.77	2.64	2.64	2.65
1360	105.10	94.70	120.20	96.60	96.60	85.20	100.00	110.00	110.00	110.00	81.70	81.70	117.90	98.20	1.86	2.71	2.71	2.64
1361	98.20	94.70	118.60	97.00	97.00	77.60	100.00	111.30	111.30	111.30	75.10	83.40	108.10	98.20	1.93	2.78	2.81	2.70
1362	96.30	94.70	115.40	97.00	97.00	68.70	100.00	108.70	108.70	108.70	73.90	91.60	101.00	96.70	1.97	2.87	2.91	2.60
1363	96.80	96.30	107.10	97.00	97.00	79.60	100.00	102.90	102.90	102.90	73.40	91.60	97.30	95.70	2.01	2.95	2.99	2.09
1364	95.50	96.00	94.40	97.10	97.10	97.00	100.00	101.40	101.40	101.40	78.50	90.60	97.30	95.10	2.09	3.00	3.09	2.98
1365	95.90	96.00	91.40	98.10	98.10	114.30	100.00	99.40	99.40	99.40	88.10	90.00	98.80	95.10	2.14	3.15	3.17	3.08
1366	97.80	98.20	91.60	99.00	99.00	107.20	100.00	98.50	98.50	98.50	99.30	94.20	100.00	97.70	2.21	3.14	3.32	3.21
1367	100.60	100.10	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	101.00	101.00	100.00	100.00	2.34	3.49	3.42	3.35
1368	103.40	104.70	103.10	105.70	102.00	94.60	100.00	102.40	95.80	102.40	107.30	105.20	99.30	99.20	2.49	3.64	3.65	3.53
1369	105.30	109.50	112.50	115.40	108.10	106.50	100.00	109.70	91.00	112.10	119.20	112.20	98.00	100.70	2.61	3.90	3.87	3.76
1370	106.30	116.40	130.90	119.50	117.10	112.10	100.00	110.00	93.40	120.00	136.00	132.10	95.50	101.00	2.72	4.17	4.10	3.99
1371	109.10	123.40	135.00	125.30	122.90	99.00	102.70	106.70	93.40	121.40	118.60	139.70	102.90	102.40	2.91	4.36	4.36	4.15
1372	109.30	135.60	125.40	129.00	130.60	109.00	103.60	104.80	93.50	123.20	124.30	143.40	107.00	103.40	3.02	4.74	4.74	4.37
1373	112.40	135.30	122.10	132.20	135.90	117.00	106.40	05.20	93.40	125.10	141.70	148.21	109.20	104.40	3.16	5.13	5.05	4.68
1374	136.20	167.00	157.10	165.90	161.80	159.10	173.20	136.40	126.00	150.90	162.70	173.50	132.50	111.40	3.39	5.57	5.43	5.03
1375	155.20	169.10	155.30	196.80	191.50	154.00	228.10	152.60	145.40	167.00	149.50	215.60	168.00	115.50	3.75	6.19	6.03	5.52
1376	159.20	205.10	188.00	216.30	215.20	163.00	249.30	175.40	167.50	182.90	163.40	241.50	171.80	115.80	3.97	6.62	6.52	5.46
1377	167.60	230.00	197.10	254.40	235.90	219.30	270.60	200.80	161.50	211.00	160.40	259.10	170.20	110.50	4.33	7.30	7.30	6.42
1378	174.60	255.00	197.00	271.30	264.50	243.40	279.10	205.50	174.20	231.10	171.00	283.40	173.10	126.90	4.90	7.70	7.80	6.93
1379	174.30	282.20	218.00	291.90	297.80	278.30	294.30	245.20	191.00	255.10	210.50	310.40	211.40	135.80	5.36	8.50	8.50	7.48
1380	210.40	306.00	257.00	320.00	337.60	310.70	334.10	260.00	207.50	269.60	235.00	309.00	243.40	156.30	6.06	9.67	9.42	8.39
1381	250.00	353.00	291.00	360.00	370.00	329.50	352.30	249.90	224.10	308.00	225.20	376.90	362.00	168.10	6.62	10.74	10.41	9.10

APPENDIX E
MONTHLY DATA FOR THE HISTORICAL INFLATION PROGRAM

M
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MATERIALS																			LABOR			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
DATE	CYNO	RUPPER	CR	STL	CAST	FORST	LEAD	MAGNES	ALUMIN	SC-SIK	EXTRU	CP/HMS	HONEL	TIMIL	LLECT	367X	3721	3724	OTHER			
67JUL	95.60	100.00	95.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.80	2.36	3.46	3.41	3.33 68			
67AUG	100.00	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.70	2.35	3.51	3.45	3.36 68			
67SEP	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.50	2.35	3.52	3.48	3.38 68			
67OCT	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.50	2.37	3.54	3.52	3.39 68			
67NOV	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.10	2.38	3.58	3.49	3.42 68			
67DEC	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.90	2.41	3.61	3.56	3.46 68			
68JAN	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.70	2.43	3.58	3.58	3.48 68			
68FEB	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.40	2.46	3.58	3.59	3.47 68			
68MAR	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.10	2.46	3.58	3.58	3.48 68			
68APR	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.40	2.44	3.55	3.52	3.45 68			
68MAY	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.47	3.58	3.61	3.49 68			
68JUN	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.49	3.58	3.63	3.54 68			
68JUL	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.49	3.57	3.63	3.55 69			
68AUG	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.51	3.63	3.67	3.55 69			
68SEP	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.52	3.69	3.70	3.56 69			
68OCT	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.53	3.79	3.72	3.57 69			
68NOV	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.55	3.80	3.76	3.61 69			
68DEC	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.56	3.81	3.86	3.65 69			
69JAN	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.57	3.86	3.81	3.68 69			
69FEB	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.58	3.86	3.81	3.67 69			
69MAR	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
69APR	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
69MAY	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
69JUN	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
69JUL	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
69AUG	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
69SEP	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
69OCT	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
69NOV	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
69DEC	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70JAN	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70FEB	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70MAR	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70APR	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70MAY	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70JUN	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70JUL	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70AUG	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70SEP	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70OCT	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70NOV	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
70DEC	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
71JAN	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
71FEB	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
71MAR	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
71APR	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
71MAY	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
71JUN	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
71JUL	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
71AUG	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			
71SEP	101.30	100.00	99.10	100.00	99.90	100.00	100.00	100.10	100.10	100.10	100.10	95.71	98.99	100.00	99.20	2.59	3.86	3.81	3.67 69			

Q. I. N. L. Y. D. A. I. A.

CITY/NO	1	2	3	4	5	6	MATERIALS						LABOR					
							7	8	9	10	11	12	13	14	15	16	17	18
NO.7A	130252	130254	130255	130256	130257	130258	130259	130260	130261	130262	130263	130264	130265	130266	130267	130268	130269	130270
NO.7B	130271	130272	130273	130274	130275	130276	130277	130278	130279	130280	130281	130282	130283	130284	130285	130286	130287	130288
NO.7C	130289	130290	130291	130292	130293	130294	130295	130296	130297	130298	130299	130300	130301	130302	130303	130304	130305	130306
NO.7D	130307	130308	130309	130310	130311	130312	130313	130314	130315	130316	130317	130318	130319	130320	130321	130322	130323	130324
NO.7E	130325	130326	130327	130328	130329	130330	130331	130332	130333	130334	130335	130336	130337	130338	130339	130340	130341	130342
NO.7F	130343	130344	130345	130346	130347	130348	130349	130350	130351	130352	130353	130354	130355	130356	130357	130358	130359	130360
NO.7G	130361	130362	130363	130364	130365	130366	130367	130368	130369	130370	130371	130372	130373	130374	130375	130376	130377	130378
NO.7H	130379	130380	130381	130382	130383	130384	130385	130386	130387	130388	130389	130390	130391	130392	130393	130394	130395	130396
NO.7I	130397	130398	130399	130400	130401	130402	130403	130404	130405	130406	130407	130408	130409	130410	130411	130412	130413	130414
NO.7J	130415	130416	130417	130418	130419	130420	130421	130422	130423	130424	130425	130426	130427	130428	130429	130430	130431	130432
NO.7K	130433	130434	130435	130436	130437	130438	130439	130440	130441	130442	130443	130444	130445	130446	130447	130448	130449	130450
NO.7L	130451	130452	130453	130454	130455	130456	130457	130458	130459	130460	130461	130462	130463	130464	130465	130466	130467	130468
NO.7M	130469	130470	130471	130472	130473	130474	130475	130476	130477	130478	130479	130480	130481	130482	130483	130484	130485	130486
NO.7N	130487	130488	130489	130490	130491	130492	130493	130494	130495	130496	130497	130498	130499	130500	130501	130502	130503	130504
NO.7O	130505	130506	130507	130508	130509	130510	130511	130512	130513	130514	130515	130516	130517	130518	130519	130520	130521	130522
NO.7P	130523	130524	130525	130526	130527	130528	130529	130530	130531	130532	130533	130534	130535	130536	130537	130538	130539	130540
NO.7Q	130541	130542	130543	130544	130545	130546	130547	130548	130549	130550	130551	130552	130553	130554	130555	130556	130557	130558
NO.7R	130559	130560	130561	130562	130563	130564	130565	130566	130567	130568	130569	130570	130571	130572	130573	130574	130575	130576
NO.7S	130577	130578	130579	130580	130581	130582	130583	130584	130585	130586	130587	130588	130589	130590	130591	130592	130593	130594
NO.7T	130595	130596	130597	130598	130599	130600	130601	130602	130603	130604	130605	130606	130607	130608	130609	130610	130611	130612
NO.7U	130613	130614	130615	130616	130617	130618	130619	130620	130621	130622	130623	130624	130625	130626	130627	130628	130629	130630
NO.7V	130631	130632	130633	130634	130635	130636	130637	130638	130639	130640	130641	130642	130643	130644	130645	130646	130647	130648
NO.7W	130649	130650	130651	130652	130653	130654	130655	130656	130657	130658	130659	130660	130661	130662	130663	130664	130665	130666
NO.7X	130667	130668	130669	130670	130671	130672	130673	130674	130675	130676	130677	130678	130679	130680	130681	130682	130683	130684
NO.7Y	130685	130686	130687	130688	130689	130690	130691	130692	130693	130694	130695	130696	130697	130698	130699	130700	130701	130702
NO.7Z	130703	130704	130705	130706	130707	130708	130709	130710	130711	130712	130713	130714	130715	130716	130717	130718	130719	130720
NO.8A	130721	130722	130723	130724	130725	130726	130727	130728	130729	130730	130731	130732	130733	130734	130735	130736	130737	130738
NO.8B	130739	130740	130741	130742	130743	130744	130745	130746	130747	130748	130749	130750	130751	130752	130753	130754	130755	130756
NO.8C	130757	130758	130759	130760	130761	130762	130763	130764	130765	130766	130767	130768	130769	130770	130771	130772	130773	130774
NO.8D	130775	130776	130777	130778	130779	130780	130781	130782	130783	130784	130785	130786	130787	130788	130789	130790	130791	130792
NO.8E	130793	130794	130795	130796	130797	130798	130799	130800	130801	130802	130803	130804	130805	130806	130807	130808	130809	130810
NO.8F	130811	130812	130813	130814	130815	130816	130817	130818	130819	130820	130821	130822	130823	130824	130825	130826	130827	130828
NO.8G	130829	130830	130831	130832	130833	130834	130835	130836	130837	130838	130839	130840	130841	130842	130843	130844	130845	130846
NO.8H	130847	130848	130849	130850	130851	130852	130853	130854	130855	130856	130857	130858	130859	130860	130861	130862	130863	130864
NO.8I	130865	130866	130867	130868	130869	130870	130871	130872	130873	130874	130875	130876	130877	130878	130879	130880	130881	130882
NO.8J	130883	130884	130885	130886	130887	130888	130889	130890	130891	130892	130893	130894	130895	130896	130897	130898	130899	130900
NO.8K	130901	130902	130903	130904	130905	130906	130907	130908	130909	130910	130911	130912	130913	130914	130915	130916	130917	130918
NO.8L	130919	130920	130921	130922	130923	130924	130925	130926	130927	130928	130929	130930	130931	130932	130933	130934	130935	130936
NO.8M	130937	130938	130939	130940	130941	130942	130943	130944	130945	130946	130947	130948	130949	130950	130951	130952	130953	130954
NO.8N	130955	130956	130957	130958	130959	130960	130961	130962	130963	130964	130965	130966	130967	130968	130969	130970	130971	130972
NO.8O	130973	130974	130975	130976	130977	130978	130979	130980	130981	130982	130983	130984	130985	130986	130987	130988	130989	130990
NO.8P	130991	130992	130993	130994	130995	130996	130997	130998	130999	131000	131001	131002	131003	131004	131005	131006	131007	131008
NO.8Q	131009	131010	131011	131012	131013	131014	131015	131016	131017	131018	131019	131020	131021	131022	131023	131024	131025	131026
NO.8R	131027	131028	131029	131030	131031	131032	131033	131034	131035	131036	131037	131038	131039	131040	131041	131042	131043	131044
NO.8S	131045	131046	131047	131048	131049	131050	131051	131052	131053	131054	131055	131056	131057	131058	131059	131060	131061	131062
NO.8T	131063	131064	131065	131066	131067	131068	131069	131070	131071	131072	131073	131074	131075	131076	131077	131078	131079	131080
NO.8U	131081	131082	131083	131084	131085	131086	131087	131088	131089	131090	131091	131092	131093	131094	131095	131096	131097	131098
NO.8V	131099	131100	131101	131102	131103	131104	131105	131106	131107	131108	131109	131110	131111	131112	131113	131114	131115	131116
NO.8W	131117	131118	131119	131120	131121	131122	131123	131124	131125	131126	131127	131128	131129	131130	131131	131132	131133	131134
NO.8X	131135	131136	131137	131138	131139	131140	131141	131142	131143	131144	131145	131146	131147	131148	131149	131150	131151	131152
NO.8Y	131153	131154	131155	131156	131157	131158	131159	131160	131161	131162	131163	131164	131165	131166	131167	131168	131169	131170
NO.8Z	131171	131172	131173	131174	131175	131176	131177	131178	131179	131180	131181	131182	131183	131184	131185	131186	131187	131188
NO.9A	131189	131190	131191	131192	131193	131194	131195	131196	131197	131198	131199	131200	131201	131202	131203	131204	131205	131206
NO.9B	131207	131208	131209	131210	131211	131212	131213	131214	131215	131216	131217	131218	131219	131220	131221	131222	131223	131224
NO.9C	131225	131226	131227	131228	131229	131230	131231	131232	131233	131234	131235	131236	131237	131238	131239	131240	131241	131242
NO.9D	131243	131244	131245	131246	131247	131248	131249	131250	131251	131252	131253	131254	131255	131256	131257	131258	131259	131260
NO.9E	131261	131262	131263	131264	131265	131266	131267	131268	131269	131270	131271	131272	131273	131274	131275	131276	131277	131278
NO.9F	131279	131280	131281	131282	131283	131284	131285	131286	131287	131288	131289	131290	131291	131292	131293	1		

6. CIVIL RIGHTS

CY/PC	RUBBER	CH	STL	3	2	1	MATERIALS										LABOR													
							CAST	FORK	5	6	7	8	9	10	11	12	13	14	15	16	17	18								
NOVA	13022	13023	13024	13025	13026	13027	13028	13029	13030	13031	13032	13033	13034	13035	13036	13037	13038	13039	13040	13041	13042	13043	13044	13045	13046	13047	13048	13049	13050	
76JAN	152.30	197.10	152.60	214.80	192.40	135.70	242.00	157.20	147.20	169.80	149.90	243.50	171.40	114.50	5.84	6.47	0.52	5.79	7.5											
76FEB	154.10	197.00	162.80	214.80	192.40	135.70	242.00	157.20	147.20	169.80	151.10	241.50	171.80	114.50	5.87	6.54	6.33	5.84	7.0											
76MAR	155.50	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	5.88	6.54	6.21	5.83	7.6											
76APR	156.70	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	5.88	6.54	6.21	5.83	7.6											
76MAY	157.10	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	5.91	6.57	6.37	5.93	7.6											
76JUN	157.10	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	5.91	6.57	6.37	5.93	7.6											
76JUL	157.10	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	5.94	6.54	6.42	5.94	7.6											
76AUG	157.10	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	5.94	6.54	6.42	5.94	7.6											
76SEP	157.10	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	5.97	6.67	6.61	5.99	7.6											
76OCT	157.10	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	5.99	6.64	6.62	5.99	7.6											
76NOV	157.10	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	6.01	6.63	6.66	6.03	7.7											
76DEC	157.10	197.10	164.20	214.80	192.40	135.70	242.00	157.20	147.20	169.80	152.10	241.50	171.80	115.00	6.06	6.77	6.75	6.07	7.7											
77JAN	157.10	197.10	164.20</																											

MONTHLY SUMMARY

1	2	3	4	5	6	7	8	9	10	11	12	13	14	LABOR				18
														15	16	17	18	
0074	170/11	150224	100141	101451	220127	220131	250131	250141	250117	250430	250453	250524	117304	ELECT	ACFT	FVS	OTHER	
CV/PO	RU/LEF	CM	SIL	ET/AL	LEAC	HACHES	ALUMD	SC/STK	ET/AL	CP/RES	MODEL	11	11	367X	3721	3724	3724	FX
36APR	214.10	304.50	232.20	310.50	340.70	322.40	247.70	203.40	290.20	250.10	319.70	284.60	153.40	5.93	9.38	9.14	9.15	FX
36MAY	215.10	304.50	232.20	310.50	340.70	322.40	247.70	203.40	290.20	250.10	319.70	284.60	153.40	5.94	9.49	9.22	8.24	FX
36JUN	217.30	304.50	230.80	320.10	349.50	322.70	245.30	230.60	290.90	224.90	379.70	245.00	157.00	6.05	9.57	9.32	8.31	FX
36JUL	219.40	269.10	230.80	325.80	344.50	322.70	247.70	230.60	289.90	224.90	379.70	288.80	158.10	6.11	9.74	9.43	8.37	FX
36AUG	220.50	269.10	230.80	327.20	345.10	322.70	247.70	230.60	289.90	224.90	379.70	291.70	160.10	6.14	9.81	9.62	8.51	FX
36SEP	222.00	289.10	236.80	337.60	350.60	322.70	247.70	230.60	289.90	224.90	379.70	293.00	160.60	6.20	9.85	9.61	8.57	FX
36OCT	222.00	289.10	236.80	337.60	350.60	322.70	247.70	230.60	289.90	224.90	379.70	293.00	160.60	6.23	10.05	9.85	8.64	FX
36NOV	222.00	289.10	236.80	337.60	350.60	322.70	247.70	230.60	289.90	224.90	379.70	293.00	160.60	6.29	10.25	9.81	8.83	FX
36DEC	223.30	304.50	231.60	343.00	359.00	322.80	247.70	230.60	289.90	224.90	379.70	294.30	161.00	6.35	10.33	10.23	8.93	FX
37JAN	224.80	321.10	233.50	345.80	371.20	347.70	268.70	224.50	306.00	224.90	379.70	322.30	163.70	6.42	10.33	9.98	8.90	FX
37FEB	226.40	321.10	233.50	345.80	371.20	347.70	268.70	224.50	306.00	224.90	379.70	322.30	163.70	6.47	10.43	10.04	8.94	FX
37MAR	226.40	323.90	228.80	347.20	371.60	347.70	271.60	224.50	306.00	224.90	379.70	322.30	163.70	6.49	10.43	10.11	9.06	FX
37APR	230.80	323.90	228.80	347.20	371.60	347.70	271.60	224.50	306.00	224.90	379.70	322.30	163.70	6.54	10.57	10.25	9.23	FX
37MAY	231.80	323.90	228.80	347.20	371.60	347.70	271.60	224.50	306.00	224.90	379.70	322.30	163.70	6.55	10.60	10.32	9.28	FX
37JUN	232.10	343.50	232.00	368.10	378.70	372.70	265.90	224.50	306.00	224.90	379.70	322.30	163.70	6.65	10.67	10.44	9.26	FX
37JUL	232.10	343.50	232.00	368.10	378.70	372.70	265.90	224.50	306.00	224.90	379.70	322.30	163.70	6.72	10.91	10.59	9.41	FX
37AUG	234.10	343.50	234.00	370.60	380.80	372.70	285.90	224.50	306.00	224.90	379.70	322.30	163.70	6.74	11.14	11.81	9.72	FX
37SEP	235.70	343.50	235.50	371.80	383.20	372.70	289.10	224.50	306.00	224.90	379.70	322.30	163.70	6.77	11.24	10.72	9.89	FX
37OCT	237.30	343.50	235.50	371.80	383.20	372.70	289.10	224.50	306.00	224.90	379.70	322.30	163.70	6.87	11.36	11.04	10.05	FX
37NOV	238.30	343.50	237.60	385.00	393.20	372.70	292.30	224.50	306.00	224.90	379.70	322.30	163.70	6.99	11.47	10.93	9.93	FX
37DEC	239.30	343.50	237.60	385.00	393.20	372.70	292.30	224.50	306.00	224.90	379.70	322.30	163.70	6.94	11.52	11.00	10.11	FX
38JAN	239.30	343.50	237.60	385.00	393.20	372.70	292.30	224.50	306.00	224.90	379.70	322.30	163.70	6.98	11.51	10.99	9.94	FX
38FEB	240.60	343.50	237.60	385.00	393.20	372.70	292.30	224.50	306.00	224.90	379.70	322.30	163.70	7.01	11.47	10.97	9.99	FX
38MAR	241.10	343.50	245.20	405.50	400.50	372.70	285.40	224.50	306.00	224.90	379.70	322.30	163.70	7.05	11.66	10.98	10.03	FX
38APR	242.50	343.50	247.30	413.40	400.50	372.70	285.40	224.50	306.00	224.90	379.70	322.30	163.70	7.07	11.72	11.01	10.20	FX
38MAY	242.50	343.50	247.30	413.40	400.50	372.70	285.40	224.50	306.00	224.90	379.70	322.30	163.70	7.19	11.74	11.20	10.25	FX
38JUN	243.10	343.50	244.10	415.60	399.60	372.70	285.40	224.50	306.00	224.90	379.70	322.30	163.70	7.22	11.95	11.28	10.32	FX
38JUL	243.10	343.50	244.10	415.60	399.60	372.70	285.40	224.50	306.00	224.90	379.70	322.30	163.70	7.28	12.00	11.30	10.41	FX
38AUG	243.10	343.50	244.10	415.60	399.60	372.70	285.40	224.50	306.00	224.90	379.70	322.30	163.70	7.28	12.00	11.30	10.41	FX
38SEP	243.10	343.50	244.10	415.60	399.60	372.70	285.40	224.50	306.00	224.90	379.70	322.30	163.70	7.28	12.00	11.30	10.41	FX

APPENDIX F
HISTORICAL INFLATION INDICES

HISTORICAL INFORMATION 1947-1958 INDICES

AIRCRAFT AIR VEHICLE EXCLUDING AVIONICS

INDEX	FACTOR
CY67=	FY82=
100.0	1.0000
----	-----
49.1	6.6128
54.2	5.9949
55.9	5.8139
58.9	5.5121
64.9	5.0045
67.0	4.8477
69.8	4.6533
71.6	4.5322
75.6	4.2965
80.4	4.0373
82.7	3.9263

AIRCRAFT PRODUCTION

INDEX	FACTOR
CY67=	FY82=
100.0	1.0000
----	-----
55.2	5.9059
61.8	5.2763
63.1	5.1646
66.4	4.9106
73.3	4.4453
74.9	4.3524
77.8	4.1877
79.3	4.1084
84.0	3.8792
90.2	3.6132
92.5	3.5238

AIRCRAFT PRODUCTION

INDEX	FACTOR
CY67=	FY82=
100.0	1.0000
----	-----
47.1	6.8482
52.1	6.2250
53.8	6.0274
56.8	5.7139
62.4	5.1921
64.7	5.0114
67.5	4.8068
69.4	4.6706
73.1	4.4335
77.8	4.1761
79.5	4.0594

47 48 49 50 51 52 53 54 55 56 57

HISTORICAL INFLATION
CALENDAR YEAR INDICES

	AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=
50	62.4	3.9331	94.2	3.4639	83.5	3.1906	35.0	3.8159	84.7	3.7566
51	63.1	3.9332	92.0	3.4618	83.2	3.1281	85.4	3.8129	85.1	3.7569
52	65.2	3.8026	95.5	3.4117	85.4	3.0465	87.6	3.7074	87.3	3.6428
53	66.0	3.7712	95.6	3.4072	87.4	2.9751	88.1	3.6834	88.1	3.6131
54	67.1	3.7205	95.9	3.3394	88.1	2.9516	89.1	3.6440	89.0	3.5754
55	68.0	3.6824	94.4	3.4521	89.0	2.9232	89.5	3.6287	89.4	3.5565
56	69.2	3.6353	92.3	3.5303	91.1	2.8341	89.9	3.6113	90.0	3.5347
57	92.3	3.5119	92.7	3.5149	92.6	2.8090	92.4	3.5125	92.4	3.4421
58	96.5	3.3609	95.5	3.4128	95.5	2.7246	96.3	3.3723	96.2	3.3080
59	100.0	3.2424	100.0	3.2590	100.0	2.6012	100.0	3.2461	100.0	3.1616
60	103.8	3.1236	104.6	3.1156	104.1	2.4974	104.0	3.1218	104.0	3.0593
61	110.4	2.9375	111.1	2.9322	106.1	2.4057	110.6	2.9363	110.3	2.8843
62	116.5	2.7745	121.0	2.6754	113.2	2.2980	110.0	2.7518	117.5	2.7091
63	120.9	2.6830	127.6	2.5544	117.4	2.2149	122.3	2.6532	121.9	2.6109
64	128.5	2.5151	130.7	2.4928	121.0	2.1502	129.3	2.5100	128.6	2.4762
65	137.7	2.3538	135.3	2.4395	125.4	2.0745	137.2	2.3660	136.0	2.3391
66	154.0	2.1056	157.2	2.0734	134.3	1.9364	154.7	2.0984	152.7	2.0841
67	172.0	1.8851	178.1	1.8296	146.2	1.7757	173.4	1.6724	170.6	1.5645
68	194.0	1.7566	189.5	1.7165	152.7	1.7035	185.8	1.7475	182.5	1.7438
69	197.8	1.6305	207.7	1.5688	164.4	1.5825	200.0	1.6227	196.5	1.6153
70	214.8	1.5086	219.4	1.4856	163.4	1.4182	215.8	1.5042	212.6	1.4967
71	237.6	1.3645	246.0	1.3246	193.7	1.3027	244.5	1.3554	235.5	1.3509
72	271.3	1.1952	299.2	1.0894	226.0	1.1418	277.5	1.1694	272.4	1.1560
73	304.7	1.0643	314.9	1.0349	246.7	1.0542	306.9	1.0576	300.9	1.0573

HISTORICAL RELATIONS MONTHLY INDICES

AIRFRAME PRODUCTION				ENGINE PRODUCTION				AVIONICS PRODUCTION				AGGREGATE AIR VEHICLE EXCLUDING AVIONICS				AGGREGATE AIR VEHICLE INCLUDING AVIONICS			
		INDEX CY67=	FACTOR FY82=			INDEX CY67=	FACTOR FY82=			INDEX CY67=	FACTOR FY82=			INDEX CY67=	FACTOR FY82=				
---	---	100.0	1.0000	---	---	100.0	1.0000	---	---	100.0	1.0000	---	---	100.0	1.0000	---	---		
JUL 67	68	99.3	3.2655	---	---	100.5	2.5877	---	---	99.3	3.2581	---	---	99.4	3.1995	---	---		
AUG 67	68	100.3	3.2312	---	---	100.2	2.5950	---	---	100.3	3.2576	---	---	100.3	3.1734	---	---		
SEP 67	68	100.7	3.2211	---	---	100.1	3.2466	---	---	100.6	3.2267	---	---	100.6	3.1641	---	---		
OCT 67	68	101.1	3.2058	---	---	101.7	3.1912	---	---	101.4	3.2025	---	---	101.3	3.1413	---	---		
NOV 67	68	102.1	3.1770	---	---	100.9	3.1865	---	---	102.1	3.1791	---	---	102.0	3.1197	---	---		
DEC 67	68	102.5	3.1543	---	---	102.0	3.1584	---	---	102.9	3.1552	---	---	102.8	3.0951	---	---		
JAN 68	68	102.5	3.1637	---	---	101.5	3.1493	---	---	102.7	3.1605	---	---	102.7	3.0982	---	---		
FEB 68	68	102.5	3.1622	---	---	103.9	3.1370	---	---	102.6	3.1565	---	---	102.9	3.0924	---	---		
MAR 68	68	102.5	3.1605	---	---	103.8	3.1399	---	---	102.9	3.1553	---	---	102.9	3.0920	---	---		
APR 68	68	101.9	3.1815	---	---	103.0	3.1651	---	---	102.1	3.1774	---	---	102.2	3.1129	---	---		
MAY 68	68	102.4	3.1672	---	---	103.6	3.1315	---	---	102.8	3.1592	---	---	102.8	3.0937	---	---		
JUN 68	68	102.8	3.1548	---	---	104.1	3.1207	---	---	103.1	3.1471	---	---	103.2	3.0817	---	---		
JUL 68	68	102.8	3.1546	---	---	104.5	3.1196	---	---	103.2	3.1468	---	---	103.2	3.0815	---	---		
AUG 68	68	103.9	3.1221	---	---	104.7	3.0987	---	---	104.1	3.1168	---	---	104.2	3.1534	---	---		
SEP 68	68	104.8	3.0951	---	---	105.2	3.0748	---	---	104.9	3.0951	---	---	104.9	3.0333	---	---		
OCT 68	68	106.6	3.0419	---	---	105.6	3.0273	---	---	106.4	3.0319	---	---	106.3	2.9944	---	---		
NOV 68	68	107.0	3.0312	---	---	105.8	3.0285	---	---	106.7	3.0417	---	---	106.6	2.5837	---	---		
DEC 68	68	107.3	3.0208	---	---	106.2	3.0425	---	---	107.3	3.0256	---	---	107.2	2.5686	---	---		
JAN 69	69	107.5	3.0171	---	---	106.1	3.0153	---	---	107.6	3.0167	---	---	107.5	2.5609	---	---		
FEB 69	69	108.9	2.9760	---	---	106.2	3.0124	---	---	108.0	2.5345	---	---	108.0	2.9209	---	---		
MAR 69	69	108.9	2.9774	---	---	106.9	3.0147	---	---	108.7	2.5345	---	---	108.6	2.9303	---	---		
APR 69	69	109.2	2.9681	---	---	106.9	3.0054	---	---	109.1	2.5762	---	---	108.9	2.9224	---	---		
MAY 69	69	109.2	2.9679	---	---	109.0	2.9900	---	---	109.2	2.5728	---	---	109.1	2.9175	---	---		
JUN 69	69	109.4	2.9650	---	---	110.3	2.9554	---	---	109.6	2.9629	---	---	109.4	2.9079	---	---		
JUL 69	69	109.4	2.9660	---	---	110.6	2.9476	---	---	109.6	2.9619	---	---	109.6	2.9063	---	---		
AUG 69	69	111.1	2.9182	---	---	110.8	2.9404	---	---	111.0	2.9231	---	---	110.4	2.8712	---	---		
SEP 69	69	110.4	2.9372	---	---	110.9	2.9387	---	---	110.5	2.9375	---	---	110.4	2.8819	---	---		
OCT 69	69	112.3	2.8671	---	---	115.5	2.8215	---	---	112.5	2.8722	---	---	112.5	2.8246	---	---		
NOV 69	69	115.4	2.8502	---	---	115.4	2.8250	---	---	114.1	2.8446	---	---	113.7	2.7991	---	---		
DEC 69	69	114.0	2.8244	---	---	115.4	2.8234	---	---	115.7	2.8064	---	---	115.1	2.7633	---	---		
JAN 70	70	114.3	2.8288	---	---	120.4	2.7876	---	---	115.2	2.7947	---	---	115.6	2.7514	---	---		
FEB 70	70	115.0	2.8198	---	---	120.4	2.7871	---	---	116.2	2.7939	---	---	115.7	2.7509	---	---		
MAR 70	70	115.1	2.8166	---	---	120.7	2.7805	---	---	116.3	2.7909	---	---	115.8	2.7469	---	---		
APR 70	70	115.4	2.8166	---	---	120.7	2.7805	---	---	116.6	2.7851	---	---	116.1	2.7407	---	---		
MAY 70	70	115.7	2.8619	---	---	121.1	2.8610	---	---	116.9	2.7764	---	---	116.5	2.7313	---	---		
JUN 70	70	115.9	2.7985	---	---	121.5	2.8216	---	---	117.1	2.7715	---	---	116.8	2.7248	---	---		
JUL 70	70	116.1	2.7520	---	---	121.7	2.8725	---	---	117.4	2.7650	---	---	117.0	2.7183	---	---		
AUG 70	70	116.1	2.7420	---	---	122.2	2.8669	---	---	118.4	2.7299	---	---	116.1	2.6849	---	---		
SEP 70	70	118.5	2.7264	---	---	122.4	2.8624	---	---	119.6	2.7133	---	---	119.2	2.6705	---	---		
OCT 70	70	119.1	2.7211	---	---	122.9	2.8584	---	---	119.4	2.7086	---	---	119.4	2.6633	---	---		
NOV 70	70	120.3	2.6913	---	---	123.0	2.8503	---	---	121.1	2.6823	---	---	120.3	2.6411	---	---		
DEC 70	70	120.4	2.6913	---	---	124.4	2.8503	---	---	121.3	2.6750	---	---	120.3	2.6329	---	---		

HISTORICAL INFLATION MONTHLY FIGURES

			AIRFRAME PRODUCTION			ENGINE PRODUCTION			AVIONICS PRODUCTION			AGGREGATE AIR VEHICLE EXCLUDING AVIONICS			AGGREGATE AIR VEHICLE INCLUDING AVIONICS		
	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	
CY	MO	YR	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
JAN	71	71	119.0	2.7046	124.7	2.6135	117.3	2.2180	121.0	2.6835	120.6	2.6382	120.6	2.6382	120.6	2.6382	
FEB	71	71	119.6	2.7111	125.1	2.6050	117.1	2.2206	121.4	2.6867	120.5	2.6414	120.5	2.6414	120.5	2.6414	
MAR	71	71	119.8	2.7072	125.7	2.5917	117.6	2.2127	121.1	2.6805	120.7	2.6350	120.7	2.6350	120.7	2.6350	
APR	71	71	120.0	2.7026	125.8	2.5909	117.7	2.2107	121.3	2.6764	120.9	2.6311	120.9	2.6311	120.9	2.6311	
MAY	71	71	121.2	2.6756	126.4	2.5763	117.8	2.2076	122.3	2.6532	121.9	2.6161	121.9	2.6161	121.9	2.6161	
JUN	71	71	120.7	2.6867	126.7	2.5665	118.2	2.2004	122.4	2.6517	122.1	2.6177	122.1	2.6177	122.1	2.6177	
JUL	71	72	120.6	2.6809	126.7	2.5614	118.0	2.2052	122.4	2.6521	122.0	2.6089	122.0	2.6089	122.0	2.6089	
AUG	71	72	121.2	2.6781	126.9	2.5286	118.0	2.2046	122.9	2.6417	122.4	2.5996	122.4	2.5996	122.4	2.5996	
SEP	71	72	121.6	2.6642	126.6	2.5310	118.2	2.2015	123.2	2.6348	122.7	2.5931	122.7	2.5931	122.7	2.5931	
OCT	71	72	122.1	2.6564	129.2	2.5226	117.3	2.2235	123.6	2.6253	123.3	2.5871	123.3	2.5871	123.3	2.5871	
NOV	71	72	122.7	2.6426	129.5	2.5163	117.2	2.2192	124.2	2.6133	123.5	2.5759	123.5	2.5759	123.5	2.5759	
DEC	71	72	123.2	2.6313	130.4	2.4996	118.4	2.1976	124.8	2.6008	124.2	2.5624	124.2	2.5624	124.2	2.5624	
JAN	72	72	122.6	2.6444	130.1	2.5045	118.9	2.1876	124.8	2.6116	123.7	2.5711	123.7	2.5711	123.7	2.5711	
FEB	72	72	125.6	2.5814	131.0	2.4882	119.2	2.1818	126.6	2.5630	126.1	2.5242	126.1	2.5242	126.1	2.5242	
MAR	72	72	125.6	2.5814	131.5	2.4774	120.1	2.1659	127.9	2.5387	127.1	2.5035	127.1	2.5035	127.1	2.5035	
APR	72	72	126.6	2.5569	131.7	2.4739	119.7	2.1723	124.4	2.5080	128.5	2.4767	128.5	2.4767	128.5	2.4767	
MAY	72	72	126.6	2.5213	132.5	2.4589	120.6	2.1572	129.5	2.5029	128.6	2.4741	128.6	2.4741	128.6	2.4741	
JUN	72	72	128.6	2.5214	128.1	2.5436	121.1	2.1474	128.5	2.5263	127.6	2.4904	127.6	2.4904	127.6	2.4904	
JUL	72	73	127.1	2.5518	128.6	2.5352	121.5	2.1416	127.4	2.5481	126.8	2.5091	126.8	2.5091	126.8	2.5091	
AUG	72	73	129.6	2.5017	128.6	2.5342	121.4	2.1433	129.4	2.5087	128.6	2.4744	128.6	2.4744	128.6	2.4744	
SEP	72	73	130.2	2.4912	129.0	2.5255	122.1	2.1306	130.6	2.4987	129.9	2.4639	129.9	2.4639	129.9	2.4639	
OCT	72	73	131.0	2.4753	129.3	2.5207	122.1	2.1306	130.6	2.4850	129.9	2.4517	129.9	2.4517	129.9	2.4517	
NOV	72	73	133.5	2.4280	129.7	2.5118	121.6	2.1352	132.7	2.4462	131.5	2.4175	131.5	2.4175	131.5	2.4175	
DEC	72	73	134.9	2.4640	131.6	2.4773	123.0	2.1149	134.1	2.4200	133.0	2.3918	133.0	2.3918	133.0	2.3918	
JAN	73	73	134.1	2.4108	130.9	2.4690	123.1	2.1133	133.4	2.4341	132.3	2.4043	132.3	2.4043	132.3	2.4043	
FEB	73	73	134.9	2.4057	131.0	2.4698	122.9	2.1143	134.0	2.4224	132.9	2.3943	132.9	2.3943	132.9	2.3943	
MAR	73	73	135.3	2.3961	132.0	2.4580	123.4	2.1077	134.7	2.4094	133.6	2.3810	133.6	2.3810	133.6	2.3810	
APR	73	73	135.3	2.3960	132.7	2.4585	124.1	2.0992	134.7	2.4094	133.7	2.3802	133.7	2.3802	133.7	2.3802	
MAY	73	73	136.2	2.3746	134.2	2.4278	124.2	2.0940	134.6	2.3902	134.7	2.3628	134.7	2.3628	134.7	2.3628	
JUN	73	73	136.4	2.3743	135.2	2.4097	124.5	2.0850	135.2	2.3836	135.0	2.3564	135.0	2.3564	135.0	2.3564	
JUL	73	74	136.2	2.3779	136.3	2.3517	125.2	2.0742	136.2	2.3825	135.1	2.3544	135.1	2.3544	135.1	2.3544	
AUG	73	74	136.4	2.3693	136.9	2.3474	126.1	2.0658	134.1	2.3506	136.9	2.3242	136.9	2.3242	136.9	2.3242	
SEP	73	74	139.1	2.3384	136.9	2.3406	121.6	2.0543	130.0	2.3415	137.4	2.3150	137.4	2.3150	137.4	2.3150	
OCT	73	74	141.7	2.2924	137.3	2.3728	127.3	2.0456	130.0	2.3415	137.4	2.3150	137.4	2.3150	137.4	2.3150	
NOV	73	74	141.7	2.2875	138.5	2.3623	127.9	2.0385	130.9	2.3306	136.9	2.2848	136.9	2.2848	136.9	2.2848	
DEC	73	74	143.0	2.2570	140.6	2.3132	129.1	2.0161	130.9	2.2715	141.5	2.2402	141.5	2.2402	141.5	2.2402	
JAN	74	74	144.5	2.2451	141.4	2.3211	128.9	2.0142	130.0	2.2691	142.2	2.2381	142.2	2.2381	142.2	2.2381	
FEB	74	74	145.0	2.2274	141.6	2.3066	129.0	2.0081	130.9	2.2403	143.4	2.2154	143.4	2.2154	143.4	2.2154	
MAR	74	74	147.0	2.2024	142.9	2.2641	130.4	1.9932	130.0	2.2206	144.9	2.1950	144.9	2.1950	144.9	2.1950	
APR	74	74	148.1	2.1912	144.6	2.2544	131.0	1.9859	131.2	2.2049	145.6	2.1852	145.6	2.1852	145.6	2.1852	
MAY	74	74	151.1	2.1431	144.1	2.2107	131.3	1.9667	131.3	2.2157	146.1	2.1217	146.1	2.1217	146.1	2.1217	
JUN	74	74	150.0	2.1295	146.4	2.2069	134.3	1.9350	131.3	2.2157	151.9	2.1119	151.9	2.1119	151.9	2.1119	
JUL	74	74	154.4	2.0797	146.6	2.2033	135.4	1.9237	131.7	2.2091	151.7	2.1119	151.7	2.1119	151.7	2.1119	
AUG	74	74	154.4	2.0797	146.6	2.2033	135.4	1.9237	131.7	2.2091	151.7	2.1119	151.7	2.1119	151.7	2.1119	

HISTORICAL INFLATION % ONLY INDICES

			AIRFRAME PRODUCTION			ENGINE PRODUCTION			AVIATICS PRODUCTION			AGGREGATE AIR VEHICLE EXCLUDING AVIONICS			AGGREGATE AIR VEHICLE INCLUDING AVIONICS		
			INDEX	FACTOR	INDEX	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR
CY	YY		CY67=	FY62=	CY67=	CY67=	FY62=	CY67=	FY62=	CY67=	FY62=	CY67=	FY62=	CY67=	FY62=	CY67=	FY62=
---	---	---	100.0	1.0000	100.0	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
AUG	74	75	151.5	2.0606	166.1	166.1	1.9617	155.4	1.9210	159.5	2.0377	159.5	2.0377	159.5	2.0377	159.5	2.0377
SEP	74	75	158.4	2.0471	167.0	167.0	1.9515	137.3	1.8950	150.5	2.0243	150.5	2.0243	150.5	2.0243	150.5	2.0243
OCT	74	75	161.3	2.0133	168.6	168.6	1.9331	137.6	1.8906	162.9	1.9926	162.9	1.9926	162.9	1.9926	162.9	1.9926
NOV	74	75	162.7	1.9929	169.3	169.3	1.9266	139.4	1.8602	163.2	1.9772	163.2	1.9772	163.2	1.9772	163.2	1.9772
DEC	74	75	163.5	1.9332	171.8	171.8	1.8774	141.9	1.8325	165.3	1.9634	165.3	1.9634	165.3	1.9634	165.3	1.9634
JAN	75	75	165.6	1.9582	177.3	177.3	1.8380	143.2	1.8163	169.2	1.9301	169.2	1.9301	169.2	1.9301	169.2	1.9301
FEB	75	75	166.0	1.9535	176.8	176.8	1.8315	144.0	1.8044	168.2	1.9297	168.2	1.9297	168.2	1.9297	168.2	1.9297
MAR	75	75	167.3	1.9381	176.7	176.7	1.8444	144.5	1.8007	169.4	1.9164	169.4	1.9164	169.4	1.9164	169.4	1.9164
APR	75	75	168.7	1.9194	177.0	177.0	1.8413	145.2	1.7910	170.7	1.9017	170.7	1.9017	170.7	1.9017	170.7	1.9017
MAY	75	75	173.4	1.9023	176.4	176.4	1.8268	145.6	1.7865	172.2	1.8849	172.2	1.8849	172.2	1.8849	172.2	1.8849
JUN	75	75	171.9	1.8858	177.5	177.5	1.8369	146.8	1.7718	173.2	1.8744	173.2	1.8744	173.2	1.8744	173.2	1.8744
JUL	75	76	172.0	1.8782	177.4	177.4	1.8366	147.3	1.7582	173.7	1.8598	173.7	1.8598	173.7	1.8598	173.7	1.8598
AUG	75	76	174.2	1.8605	178.1	178.1	1.8296	146.9	1.7706	175.1	1.8538	175.1	1.8538	175.1	1.8538	175.1	1.8538
SEP	75	76	175.1	1.8515	179.1	179.1	1.8193	147.6	1.7623	176.0	1.8442	176.0	1.8442	176.0	1.8442	176.0	1.8442
OCT	75	76	176.3	1.8394	179.5	179.5	1.8159	147.4	1.7646	177.0	1.8341	177.0	1.8341	177.0	1.8341	177.0	1.8341
NOV	75	76	177.8	1.8235	179.1	179.1	1.8197	147.5	1.7631	178.1	1.8226	178.1	1.8226	178.1	1.8226	178.1	1.8226
DEC	75	76	178.7	1.8149	181.6	181.6	1.7947	148.7	1.7492	179.3	1.8105	179.3	1.8105	179.3	1.8105	179.3	1.8105
JAN	76	76	179.1	1.8104	185.0	185.0	1.7615	149.5	1.7382	180.4	1.7855	180.4	1.7855	180.4	1.7855	180.4	1.7855
FEB	76	76	180.7	1.7945	185.3	185.3	1.7592	149.5	1.7411	181.7	1.7757	181.7	1.7757	181.7	1.7757	181.7	1.7757
MAR	76	76	181.0	1.7834	186.5	186.5	1.7493	149.8	1.7364	182.8	1.7648	182.8	1.7648	182.8	1.7648	182.8	1.7648
APR	76	76	181.2	1.7896	184.4	184.4	1.7674	149.9	1.7358	181.9	1.7546	181.9	1.7546	181.9	1.7546	181.9	1.7546
MAY	76	76	182.5	1.7731	186.6	186.6	1.7468	150.9	1.7252	183.7	1.7672	183.7	1.7672	183.7	1.7672	183.7	1.7672
JUN	76	76	183.0	1.7720	187.3	187.3	1.7401	151.8	1.7134	185.3	1.7594	185.3	1.7594	185.3	1.7594	185.3	1.7594
JUL	76	77	185.7	1.7463	190.0	190.0	1.7156	152.8	1.7028	186.6	1.7394	186.6	1.7394	186.6	1.7394	186.6	1.7394
AUG	76	77	185.7	1.7460	192.0	192.0	1.6962	153.3	1.6967	187.5	1.7332	187.5	1.7332	187.5	1.7332	187.5	1.7332
SEP	76	77	186.9	1.7369	194.0	194.0	1.6746	154.0	1.6832	188.5	1.7225	188.5	1.7225	188.5	1.7225	188.5	1.7225
OCT	76	77	189.2	1.7140	194.7	194.7	1.6741	155.1	1.6776	190.4	1.7050	190.4	1.7050	190.4	1.7050	190.4	1.7050
NOV	76	77	189.7	1.7086	195.3	195.3	1.6685	155.7	1.6719	191.0	1.6997	191.0	1.6997	191.0	1.6997	191.0	1.6997
DEC	76	77	190.6	1.7011	196.7	196.7	1.6566	158.7	1.6588	191.9	1.6911	191.9	1.6911	191.9	1.6911	191.9	1.6911
JAN	77	77	191.8	1.6933	198.2	198.2	1.6411	160.5	1.6294	193.2	1.6804	193.2	1.6804	193.2	1.6804	193.2	1.6804
FEB	77	77	192.3	1.6864	199.5	199.5	1.6337	160.7	1.6262	194.0	1.6732	194.0	1.6732	194.0	1.6732	194.0	1.6732
MAR	77	77	193.4	1.6787	202.7	202.7	1.6075	161.2	1.6244	195.0	1.6604	195.0	1.6604	195.0	1.6604	195.0	1.6604
APR	77	77	193.7	1.6666	202.7	202.7	1.6077	161.0	1.6138	193.0	1.6492	193.0	1.6492	193.0	1.6492	193.0	1.6492
MAY	77	77	193.7	1.6646	200.4	200.4	1.5792	162.1	1.6044	195.4	1.6325	195.4	1.6325	195.4	1.6325	195.4	1.6325
JUN	77	77	197.4	1.6437	202.0	202.0	1.5635	163.9	1.5843	197.8	1.6242	197.8	1.6242	197.8	1.6242	197.8	1.6242
JUL	77	77	198.9	1.6203	210.2	210.2	1.5505	164.7	1.5791	199.9	1.6115	199.9	1.6115	199.9	1.6115	199.9	1.6115
AUG	77	77	200.2	1.6114	216.3	216.3	1.5494	165.0	1.5704	203.5	1.6033	203.5	1.6033	203.5	1.6033	203.5	1.6033
SEP	77	77	201.2	1.6117	211.4	211.4	1.5426	167.9	1.5699	205.6	1.5954	205.6	1.5954	205.6	1.5954	205.6	1.5954
OCT	77	77	200.7	1.6114	217.7	217.7	1.5323	172.0	1.5194	207.4	1.5861	207.4	1.5861	207.4	1.5861	207.4	1.5861
NOV	77	76	200.7	1.6199	217.0	217.0	1.5301	173.3	1.5011	208.3	1.5838	208.3	1.5838	208.3	1.5838	208.3	1.5838
DEC	77	76	203.0	1.6045	216.3	216.3	1.5142	175.0	1.4916	205.1	1.5749	205.1	1.5749	205.1	1.5749	205.1	1.5749
JAN	78	78	205.7	1.5901	213.0	213.0	1.5003	175.0	1.4904	207.0	1.5641	207.0	1.5641	207.0	1.5641	207.0	1.5641
FEB	78	75	207.4	1.5671	215.0	215.0	1.5124	174.3	1.4913	207.5	1.5519	207.5	1.5519	207.5	1.5519	207.5	1.5519

MONTHLY INDEXED % JULY 1965

AIRCRAFT PRODUCTION			ENGINE PRODUCTION			AVIONICS PRODUCTION			AGGREGATE AIR VEHICLE EXCLUDING AVIONICS			AGGREGATE AIR VEHICLE INCLUDING AVIONICS		
CY	FX	INDEX CY67=	FACTOR FY62=	INDEX CY67=	FACTOR FY62=	INDEX CY67=	FACTOR FY62=	INDEX CY67=	FACTOR FY62=	INDEX CY67=	FACTOR FY62=	INDEX CY67=	FACTOR FY62=	
MAR 74	78	206.4	1.5560	214.2	1.5215	175.6	1.4487	219.7	1.5481	206.7	1.5395	206.7	1.5395	
APR 74	78	210.0	1.5441	214.1	1.5225	176.7	1.4476	219.9	1.5491	207.1	1.5312	207.1	1.5312	
MAY 74	78	211.6	1.5357	215.2	1.5141	180.2	1.4435	211.6	1.5335	208.5	1.5261	208.5	1.5261	
JUN 74	78	211.6	1.5356	217.6	1.4975	181.6	1.4322	212.8	1.5256	209.7	1.5175	209.7	1.5175	
JUL 74	78	213.5	1.5187	220.1	1.4699	183.3	1.4155	214.9	1.5112	211.8	1.5020	211.8	1.5020	
AUG 74	78	216.4	1.4332	221.7	1.4597	184.0	1.4135	217.6	1.4918	214.2	1.4851	214.2	1.4851	
SEP 74	78	217.2	1.4918	223.2	1.4674	186.4	1.3952	218.6	1.4847	215.4	1.4769	215.4	1.4769	
OCT 74	78	221.1	1.4664	223.5	1.4582	186.8	1.3922	221.6	1.4646	218.2	1.4584	218.2	1.4584	
NOV 74	78	223.6	1.4504	223.5	1.4592	187.9	1.3843	223.5	1.4523	220.0	1.4465	220.0	1.4465	
DEC 74	78	225.1	1.4404	226.5	1.4262	191.1	1.3610	225.9	1.4372	222.4	1.4307	222.4	1.4307	
JAN 79	79	227.5	1.4245	228.4	1.4267	191.5	1.3580	227.8	1.4250	224.2	1.4192	224.2	1.4192	
FEB 79	79	227.9	1.4229	229.7	1.4187	192.7	1.3501	228.3	1.4219	224.7	1.4158	224.7	1.4158	
MAR 79	79	228.6	1.4183	231.5	1.4078	193.1	1.3469	229.3	1.4159	225.8	1.4100	225.8	1.4100	
APR 79	79	229.0	1.4112	233.8	1.3941	193.4	1.3447	230.6	1.4074	226.9	1.4020	226.9	1.4020	
MAY 79	79	233.3	1.3696	241.3	1.3508	194.7	1.3358	235.1	1.3809	231.0	1.3771	231.0	1.3771	
JUN 79	79	234.2	1.3847	245.1	1.3294	197.2	1.3165	236.8	1.3720	232.7	1.3675	232.7	1.3675	
JUL 79	79	237.1	1.3678	245.3	1.3073	199.3	1.3050	239.8	1.3539	235.7	1.3497	235.7	1.3497	
AUG 79	79	238.1	1.3620	251.4	1.2964	201.3	1.2924	241.0	1.3468	237.2	1.3422	237.2	1.3422	
SEP 79	79	240.0	1.3514	253.4	1.2855	204.3	1.2730	243.0	1.3359	239.1	1.3305	239.1	1.3305	
OCT 79	79	243.5	1.3192	272.2	1.1971	205.1	1.2684	247.7	1.3284	247.7	1.3281	247.7	1.3281	
NOV 79	79	245.1	1.2851	282.2	1.1347	207.1	1.2559	248.8	1.3244	253.6	1.2543	253.6	1.2543	
DEC 79	79	254.4	1.2746	287.1	1.1352	212.5	1.2241	251.6	1.2406	256.7	1.2393	256.7	1.2393	
JAN 80	80	255.3	1.2442	284.2	1.1469	215.3	1.2084	253.5	1.2367	257.3	1.2344	257.3	1.2344	
FEB 80	80	258.7	1.2529	310.5	1.0497	217.6	1.1955	270.2	1.2013	265.0	1.2008	265.0	1.2008	
MAR 80	80	259.7	1.2484	312.5	1.0428	219.8	1.1837	271.5	1.1958	266.3	1.1948	266.3	1.1948	
APR 80	80	260.0	1.2233	321.9	1.1127	221.4	1.1722	271.2	1.1879	266.3	1.1948	266.3	1.1948	
MAY 80	80	267.2	1.2134	294.5	1.1067	222.8	1.1675	275.3	1.1879	268.2	1.1462	268.2	1.1462	
JUN 80	80	269.4	1.2037	295.6	1.1025	226.6	1.1401	275.2	1.1795	270.3	1.1769	270.3	1.1769	
JUL 80	80	272.8	1.1867	297.2	1.0965	228.7	1.1378	274.2	1.1668	273.2	1.1644	273.2	1.1644	
AUG 80	80	275.6	1.1791	299.9	1.0860	230.2	1.1301	280.5	1.1572	275.5	1.1543	275.5	1.1543	
SEP 80	80	276.6	1.1740	300.0	1.0864	232.1	1.1263	281.4	1.1537	276.4	1.1509	276.4	1.1509	
OCT 80	81	280.5	1.1542	299.7	1.0873	233.0	1.1166	285.1	1.1385	279.9	1.1367	279.9	1.1367	
NOV 80	81	285.7	1.1350	301.4	1.0741	234.8	1.1076	289.2	1.1325	283.7	1.1213	283.7	1.1213	
DEC 80	81	287.5	1.1260	302.4	1.0711	235.9	1.0979	290.7	1.1113	285.4	1.1146	285.4	1.1146	
JAN 81	81	290.5	1.1167	305.4	1.0673	235.5	1.0861	293.8	1.1043	286.4	1.1033	286.4	1.1033	
FEB 81	81	292.7	1.1076	306.7	1.0642	241.1	1.0734	295.7	1.0976	290.2	1.0962	290.2	1.0962	
MAR 81	81	296.6	1.0967	306.6	1.0564	241.1	1.0611	295.9	1.0951	293.2	1.0951	293.2	1.0951	
APR 81	81	297.3	1.0863	310.2	1.0474	242.2	1.0491	296.2	1.0917	294.4	1.0867	294.4	1.0867	
MAY 81	81	303.3	1.0713	312.7	1.0431	247.4	1.0373	300.2	1.0796	297.3	1.0713	297.3	1.0713	
JUN 81	81	302.5	1.0713	314.7	1.0365	247.4	1.0314	305.0	1.0744	299.2	1.0654	299.2	1.0654	
JUL 81	81	309.4	1.0602	316.1	1.0265	248.3	1.0247	311.4	1.0674	301.1	1.0621	301.1	1.0621	
AUG 81	81	309.6	1.0496	316.4	1.0174	250.0	1.0157	311.4	1.0611	305.3	1.0541	305.3	1.0541	
SEP 81	81	319.5	1.0471	319.5	1.0131	251.5	1.0071	311.7	1.0541	305.3	1.0471	305.3	1.0471	
OCT 81	81	319.5	1.0471	319.5	1.0131	251.5	1.0071	311.7	1.0541	305.3	1.0471	305.3	1.0471	

OF TOTAL DELIVERIES BY JULY 1965

AIRFRAME PRODUCTION				ENGINE PRODUCTION				AVIONICS PRODUCTION				AGGREGATE AIR VEHICLE EXCLUDING AVIONICS				AGGREGATE AIR VEHICLE INCLUDING AVIONICS			
		INDEX CY67=	FACTOR FY82=			INDEX CY67=	FACTOR FY82=			INDEX CY67=	FACTOR FY82=			INDEX CY67=	FACTOR FY82=				
CY	FY	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000		
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MAR	78	206.4	1.5560	214.2	1.5215	174.6	1.4487	174.6	1.4487	219.7	1.5481	206.7	1.5350	206.7	1.5350	206.7	1.5350		
APR	78	210.3	1.5441	214.1	1.5223	174.7	1.4476	174.7	1.4476	219.9	1.5491	207.0	1.5312	207.0	1.5312	207.0	1.5312		
MAY	78	210.6	1.5357	215.2	1.5191	180.2	1.4435	180.2	1.4435	211.6	1.5339	208.5	1.5261	208.5	1.5261	208.5	1.5261		
JUN	78	211.4	1.5335	217.6	1.4975	181.6	1.4322	181.6	1.4322	212.8	1.5256	209.7	1.5175	209.7	1.5175	209.7	1.5175		
JUL	78	213.5	1.5187	220.1	1.4809	183.3	1.4125	183.3	1.4125	214.9	1.5132	211.8	1.5029	211.8	1.5029	211.8	1.5029		
AUG	78	216.4	1.4982	221.7	1.4697	184.0	1.4135	184.0	1.4135	217.6	1.4918	214.2	1.4851	214.2	1.4851	214.2	1.4851		
SEP	78	217.2	1.4918	223.2	1.4604	186.4	1.3952	186.4	1.3952	218.6	1.4847	215.4	1.4769	215.4	1.4769	215.4	1.4769		
OCT	78	221.1	1.4664	223.5	1.4582	186.8	1.3922	186.8	1.3922	221.6	1.4646	218.2	1.4584	218.2	1.4584	218.2	1.4584		
NOV	78	223.6	1.4504	223.7	1.4592	187.9	1.3843	187.9	1.3843	223.5	1.4523	220.9	1.4465	220.9	1.4465	220.9	1.4465		
DEC	78	225.1	1.4404	226.5	1.4262	191.1	1.3610	191.1	1.3610	225.9	1.4372	222.4	1.4307	222.4	1.4307	222.4	1.4307		
JAN	79	227.5	1.4245	228.4	1.4267	191.5	1.3580	191.5	1.3580	227.8	1.4250	224.2	1.4192	224.2	1.4192	224.2	1.4192		
FEB	79	227.9	1.4229	229.7	1.4167	192.7	1.3501	192.7	1.3501	228.3	1.4219	224.7	1.4158	224.7	1.4158	224.7	1.4158		
MAR	79	228.6	1.4183	231.5	1.4078	193.1	1.3469	193.1	1.3469	229.3	1.4159	225.8	1.4100	225.8	1.4100	225.8	1.4100		
APR	79	229.8	1.4112	233.8	1.3941	193.4	1.3447	193.4	1.3447	230.6	1.4074	226.9	1.4020	226.9	1.4020	226.9	1.4020		
MAY	79	233.3	1.3896	241.3	1.3608	194.7	1.3358	194.7	1.3358	235.1	1.3809	231.1	1.3771	231.1	1.3771	231.1	1.3771		
JUN	79	234.2	1.3847	245.1	1.3294	197.2	1.3185	197.2	1.3185	236.6	1.3723	232.7	1.3675	232.7	1.3675	232.7	1.3675		
JUL	79	237.1	1.3578	245.3	1.3073	199.3	1.3050	199.3	1.3050	239.8	1.3539	235.7	1.3497	235.7	1.3497	235.7	1.3497		
AUG	79	238.1	1.3562	251.4	1.2964	201.3	1.2924	201.3	1.2924	241.0	1.3468	237.9	1.3422	237.9	1.3422	237.9	1.3422		
SEP	79	240.6	1.3513	253.4	1.2855	204.3	1.2730	204.3	1.2730	243.0	1.3359	239.1	1.3305	239.1	1.3305	239.1	1.3305		
OCT	79	243.3	1.3319	272.2	1.1971	205.1	1.2684	205.1	1.2684	247.1	1.2898	247.1	1.2881	247.1	1.2881	247.1	1.2881		
NOV	79	245.9	1.3192	282.2	1.1347	207.1	1.2559	207.1	1.2559	248.8	1.2844	253.6	1.2543	253.6	1.2543	253.6	1.2543		
DEC	79	252.1	1.2873	287.1	1.1352	212.5	1.2241	212.5	1.2241	251.6	1.2406	256.7	1.2393	256.7	1.2393	256.7	1.2393		
JAN	80	254.4	1.2746	284.2	1.1469	215.3	1.2084	215.3	1.2084	252.5	1.2367	257.3	1.2344	257.3	1.2344	257.3	1.2344		
FEB	80	256.7	1.2559	310.5	1.0497	217.6	1.1953	217.6	1.1953	270.2	1.2013	265.0	1.2008	265.0	1.2008	265.0	1.2008		
MAR	80	259.7	1.2484	312.5	1.0428	219.8	1.1837	219.8	1.1837	271.5	1.1958	266.3	1.1948	266.3	1.1948	266.3	1.1948		
APR	80	265.0	1.2233	297.9	1.1127	221.4	1.1722	221.4	1.1722	273.2	1.1879	268.2	1.1848	268.2	1.1848	268.2	1.1848		
MAY	80	267.2	1.2134	294.5	1.1067	222.8	1.1674	222.8	1.1674	275.3	1.1795	270.3	1.1769	270.3	1.1769	270.3	1.1769		
JUN	80	269.4	1.2037	295.6	1.1025	226.6	1.1601	226.6	1.1601	278.2	1.1668	273.2	1.1644	273.2	1.1644	273.2	1.1644		
JUL	80	272.8	1.1887	297.2	1.0965	228.7	1.1576	228.7	1.1576	280.5	1.1572	275.5	1.1549	275.5	1.1549	275.5	1.1549		
AUG	80	275.0	1.1791	293.9	1.0866	230.2	1.1501	230.2	1.1501	281.4	1.1537	276.4	1.1509	276.4	1.1509	276.4	1.1509		
SEP	80	276.0	1.1746	304.0	1.0804	232.1	1.1264	232.1	1.1264	285.1	1.1385	279.9	1.1367	279.9	1.1367	279.9	1.1367		
OCT	80	280.5	1.1542	299.7	1.0873	233.0	1.1168	233.0	1.1168	289.2	1.1225	283.7	1.1213	283.7	1.1213	283.7	1.1213		
NOV	80	285.7	1.1350	301.4	1.0811	234.8	1.1076	234.8	1.1076	290.7	1.1163	284.9	1.1140	284.9	1.1140	284.9	1.1140		
DEC	80	287.5	1.1200	302.4	1.0776	236.9	1.0979	236.9	1.0979	293.8	1.1149	288.4	1.1103	288.4	1.1103	288.4	1.1103		
JAN	81	290.5	1.1112	305.5	1.0673	237.9	1.0861	237.9	1.0861	296.9	1.0978	290.2	1.0962	290.2	1.0962	290.2	1.0962		
FEB	81	292.7	1.1076	306.2	1.0621	241.1	1.0739	241.1	1.0739	299.7	1.0961	293.2	1.0951	293.2	1.0951	293.2	1.0951		
MAR	81	296.6	1.0973	308.8	1.0564	242.1	1.0741	242.1	1.0741	300.9	1.0941	294.4	1.0937	294.4	1.0937	294.4	1.0937		
APR	81	297.3	1.0941	310.2	1.0504	242.2	1.0741	242.2	1.0741	303.2	1.0937	297.3	1.0934	297.3	1.0934	297.3	1.0934		
MAY	81	303.3	1.0773	311.2	1.0436	247.4	1.0677	247.4	1.0677	305.0	1.0934	301.1	1.0934	301.1	1.0934	301.1	1.0934		
JUN	81	302.3	1.0741	314.2	1.0350	248.3	1.0647	248.3	1.0647	311.4	1.0923	306.3	1.0923	306.3	1.0923	306.3	1.0923		
JUL	81	304.4	1.0682	316.4	1.0274	249.6	1.0557	249.6	1.0557	311.4	1.0923	306.3	1.0923	306.3	1.0923	306.3	1.0923		
AUG	81	309.4	1.0490	318.9	1.0204	250.6	1.0537	250.6	1.0537	311.4	1.0923	306.3	1.0923	306.3	1.0923	306.3	1.0923		
SEP	81	319.5	1.0473	319.1	1.0473	250.6	1.0537	250.6	1.0537	311.7	1.0915	306.5	1.0915	306.5	1.0915	306.5	1.0915		

MONTHLY INFLATION COUNTRY INDICES

AIRFRAME PRODUCTION				ENGINE PRODUCTION				AVIONICS PRODUCTION				AGGREGATE AIR VEHICLE EXCLUDING AVIONICS				AGGREGATE AIR VEHICLE INCLUDING AVIONICS			
CY	FY	INDEX CY67=	FACTOR FY82=	CY	FY	INDEX CY67=	FACTOR FY82=	CY	FY	INDEX CY67=	FACTOR FY82=	CY	FY	INDEX CY67=	FACTOR FY82=	CY	FY	INDEX CY67=	FACTOR FY82=
OCT	81	82	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
NOV	81	82	1.0208	315.2	1.1112	251.1	1.0362	315.8	1.0248	310.2	1.0257	310.2	1.0257	310.2	1.0257	310.2	1.0257	310.2	1.0257
DEC	81	82	1.0203	317.8	1.0166	253.1	1.0324	318.4	1.0195	311.8	1.0205	311.8	1.0205	311.8	1.0205	311.8	1.0205	311.8	1.0205
JAN	82	82	1.0094	321.2	1.0027	255.1	1.0197	322.1	1.0079	315.4	1.0089	315.4	1.0089	315.4	1.0089	315.4	1.0089	315.4	1.0089
FEB	82	82	1.0041	322.9	1.0065	259.5	1.0020	323.1	1.0047	316.7	1.0045	316.7	1.0045	316.7	1.0045	316.7	1.0045	316.7	1.0045
MAR	82	82	1.0011	324.2	1.0010	258.3	1.0070	324.5	1.0002	317.9	1.0019	317.9	1.0019	317.9	1.0019	317.9	1.0019	317.9	1.0019
APR	82	82	1.0018	323.5	1.0022	259.6	1.0020	324.0	1.0020	317.0	1.0031	317.0	1.0031	317.0	1.0031	317.0	1.0031	317.0	1.0031
MAY	82	82	1.0048	322.7	0.9949	261.5	0.9965	323.5	0.9939	319.1	0.9971	319.1	0.9971	319.1	0.9971	319.1	0.9971	319.1	0.9971
JUN	82	82	0.9955	325.4	1.0005	261.7	0.9959	325.5	0.9918	320.6	0.9923	320.6	0.9923	320.6	0.9923	320.6	0.9923	320.6	0.9923
JUL	82	82	0.9915	327.1	0.9954	262.3	0.9918	327.1	0.9764	321.5	0.9896	321.5	0.9896	321.5	0.9896	321.5	0.9896	321.5	0.9896
AUG	82	82	0.9917	327.5	0.9905	265.9	0.9905	327.7	0.9751	324.5	0.9810	324.5	0.9810	324.5	0.9810	324.5	0.9810	324.5	0.9810
SEP	82	82	0.9791	331.2	0.9875	266.8	0.9751	330.9	0.9681	331.8	0.9782	331.8	0.9782	331.8	0.9782	331.8	0.9782	331.8	0.9782
			0.9755	332.4	0.9879	266.7	0.9681												

MILITARY INFLATION QUARTERLY INDICES

STR	CY	AIRFRAME PRODUCTION			ENGINE PRODUCTION			AVIONICS PRODUCTION			AGGREGATE AIR VEHICLE EXCLUDING AVIONICS			AGGREGATE AIR VEHICLE INCLUDING AVIONICS		
		INDEX CY67=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	INDEX CY67=	FACTOR FY82=
---	---	100.0	100.0	1.0000	100.0	100.0	1.0000	100.0	100.0	1.0000	100.0	100.0	1.0000	100.0	100.0	1.0000
1	67	100.1	99.5	2.2391	100.2	100.2	2.5928	100.2	100.1	3.2440	100.1	100.1	3.1769	100.1	100.1	3.1769
4	67	102.6	102.5	3.1785	101.2	101.2	2.5704	102.1	102.1	3.1189	102.1	102.1	3.1185	102.1	102.1	3.1185
1	68	102.5	103.7	3.1621	103.0	103.0	2.5247	102.8	102.8	3.1576	102.8	102.8	3.0942	102.8	102.8	3.0942
2	68	102.4	103.8	3.1678	103.5	103.5	2.5133	102.7	102.7	3.1613	102.7	102.7	3.0960	102.7	102.7	3.0960
3	68	103.0	105.0	3.1236	104.5	104.5	2.4877	104.1	104.1	3.1194	104.1	104.1	3.0559	104.1	104.1	3.0559
4	68	107.0	106.2	3.0312	105.3	105.3	2.4596	106.8	106.8	3.0337	106.7	106.7	2.9422	106.7	106.7	2.9422
1	69	108.4	108.1	2.9902	106.9	106.9	2.4538	108.4	108.4	2.9955	108.4	108.4	2.9431	108.4	108.4	2.9431
2	69	109.3	109.2	2.9671	107.5	107.5	2.4173	109.3	109.3	2.9706	109.3	109.3	2.9161	109.3	109.3	2.9161
3	69	110.3	110.8	2.9403	108.8	108.8	2.3932	110.4	110.4	2.9407	110.2	110.2	2.8864	110.2	110.2	2.8864
4	69	113.6	116.8	2.8554	109.7	109.7	2.3703	114.3	114.3	2.8408	113.6	113.6	2.7954	113.6	113.6	2.7954
1	70	115.0	120.5	2.8135	111.1	111.1	2.3409	116.2	116.2	2.7932	115.7	115.7	2.7497	115.7	115.7	2.7497
2	70	115.7	121.1	2.8036	112.7	112.7	2.3089	116.9	116.9	2.7777	116.4	116.4	2.7323	116.4	116.4	2.7323
3	70	117.6	122.1	2.7562	114.4	114.4	2.2739	118.6	118.6	2.7361	118.2	118.2	2.6913	118.2	118.2	2.6913
4	70	119.3	123.8	2.7053	115.9	115.9	2.2482	120.7	120.7	2.6486	120.2	120.2	2.6459	120.2	120.2	2.6459
1	71	119.8	125.2	2.7076	117.3	117.3	2.2171	121.0	121.0	2.6836	120.6	120.6	2.6382	120.6	120.6	2.6382
2	71	120.6	126.9	2.6860	117.9	117.9	2.2062	122.0	122.0	2.6604	121.6	121.6	2.6164	121.6	121.6	2.6164
3	71	121.1	128.8	2.6770	118.0	118.0	2.2036	122.8	122.8	2.6428	122.3	122.3	2.6005	122.3	122.3	2.6005
4	71	122.7	129.7	2.6434	117.5	117.5	2.2135	124.2	124.2	2.6135	123.6	123.6	2.5751	123.6	123.6	2.5751
1	72	125.8	130.9	2.5937	119.4	119.4	2.1784	126.3	126.3	2.5698	125.6	125.6	2.5326	125.6	125.6	2.5326
2	72	128.7	130.8	2.5211	120.5	120.5	2.1589	129.1	129.1	2.5137	128.3	128.3	2.4834	128.3	128.3	2.4834
3	72	128.9	128.7	2.5146	121.5	121.5	2.1383	138.9	138.9	2.5184	128.2	128.2	2.4823	128.2	128.2	2.4823
4	72	133.1	138.2	2.4353	122.3	122.3	2.1271	132.5	132.5	2.4501	131.5	131.5	2.4201	131.5	131.5	2.4201
1	73	134.8	131.5	2.4062	123.1	123.1	2.1131	134.0	134.0	2.4220	132.9	132.9	2.3934	132.9	132.9	2.3934
2	73	136.3	134.1	2.3642	124.3	124.3	2.0929	135.6	135.6	2.3944	134.4	134.4	2.3665	134.4	134.4	2.3665
3	73	138.0	136.6	2.3510	125.9	125.9	2.0654	137.7	137.7	2.3581	136.3	136.3	2.3311	136.3	136.3	2.3311
4	73	142.1	138.7	2.2618	128.1	128.1	2.0312	141.3	141.3	2.2965	140.1	140.1	2.2732	140.1	140.1	2.2732
1	74	145.9	141.9	2.2225	129.8	129.8	2.0071	145.0	145.0	2.2386	143.9	143.9	2.2177	143.9	143.9	2.2177
2	74	151.5	151.8	2.1543	132.3	132.3	1.9626	151.8	151.8	2.1526	149.0	149.0	2.1357	149.0	149.0	2.1357
3	74	156.7	164.4	2.0623	136.3	136.3	1.9132	158.4	158.4	2.0489	156.2	156.2	2.0371	156.2	156.2	2.0371
4	74	162.3	169.9	1.9954	139.8	139.8	1.8808	164.1	164.1	1.9777	161.7	161.7	1.9673	161.7	161.7	1.9673
1	75	166.3	176.7	1.9494	143.9	143.9	1.8376	168.6	168.6	1.9254	166.1	166.1	1.9152	166.1	166.1	1.9152
2	75	170.4	177.6	1.9025	145.9	145.9	1.7831	172.0	172.0	1.8870	169.4	169.4	1.8789	169.4	169.4	1.8789
3	75	174.3	178.2	1.8635	147.5	147.5	1.7637	174.9	174.9	1.8555	172.2	172.2	1.8477	172.2	172.2	1.8477
4	75	177.0	180.1	1.8238	149.6	149.6	1.7382	178.1	178.1	1.8223	175.1	175.1	1.8169	175.1	175.1	1.8169
1	76	180.5	185.5	1.7989	152.6	152.6	1.7096	181.6	181.6	1.7971	178.4	178.4	1.7830	178.4	178.4	1.7830
2	76	182.3	189.1	1.7782	155.9	155.9	1.7247	183.2	183.2	1.7721	179.3	179.3	1.7662	179.3	179.3	1.7662
3	76	186.1	192.7	1.7424	158.4	158.4	1.6967	184.1	184.1	1.7316	184.1	184.1	1.7206	184.1	184.1	1.7206
4	76	189.8	195.8	1.7011	160.3	160.3	1.6832	187.5	187.5	1.6986	187.5	187.5	1.6895	187.5	187.5	1.6895
1	77	192.5	200.9	1.6643	162.3	162.3	1.6376	190.2	190.2	1.6713	190.6	190.6	1.6675	190.6	190.6	1.6675
2	77	196.3	205.9	1.6354	164.3	164.3	1.6133	193.6	193.6	1.6349	194.3	194.3	1.6322	194.3	194.3	1.6322
3	77	200.1	211.6	1.6111	166.1	166.1	1.5866	195.5	195.5	1.6134	194.4	194.4	1.6007	194.4	194.4	1.6007
4	77	202.1	215.7	1.5873	175.7	175.7	1.4976	204.0	204.0	1.5449	201.7	201.7	1.5774	201.7	201.7	1.5774

HISTORICAL RELATION QUANTITATIVE INDICES

YR	CY	AIRFRAME PRODUCTION			ENGINE PRODUCTION			AVIONICS PRODUCTION			AGGREGATE AIR VEHICLE EXCLUDING AVIONICS			AGGREGATE AIR VEHICLE INCLUDING AVIONICS		
		INDEX	FACTOR	INDEX	INDEX	FACTOR	INDEX	INDEX	FACTOR	INDEX	INDEX	FACTOR	INDEX	INDEX	FACTOR	INDEX
1	78	100.0	1.0000	100.0	100.0	1.0000	100.0	100.0	1.0000	100.0	100.0	1.0000	100.0	100.0	1.0000	100.0
2	78	267.1	1.5660	214.3	1.5207	1.5207	178.9	1.4540	1.4540	208.7	208.7	1.5555	205.7	205.7	1.5408	1.5408
3	78	210.7	1.5392	215.7	1.5112	1.5112	189.5	1.4411	1.4411	211.3	211.3	1.5329	208.0	208.0	1.5249	1.5249
4	78	215.7	1.5024	221.7	1.4703	1.4703	184.7	1.4080	1.4080	212.1	212.1	1.4955	213.0	213.0	1.4879	1.4879
5	78	223.3	1.4523	225.1	1.4477	1.4477	168.0	1.3730	1.3730	223.7	223.7	1.4513	220.2	220.2	1.4451	1.4451
6	79	228.0	1.4219	229.9	1.4177	1.4177	192.4	1.3517	1.3517	229.4	229.4	1.4209	224.3	224.3	1.4150	1.4150
7	79	232.4	1.3952	240.1	1.3576	1.3576	195.1	1.3330	1.3330	234.1	234.1	1.3866	230.2	230.2	1.3821	1.3821
8	79	238.4	1.3602	251.4	1.2765	1.2765	201.6	1.2906	1.2906	241.3	241.3	1.3455	237.3	237.3	1.3408	1.3408
9	79	256.7	1.2931	260.5	1.1618	1.1618	208.2	1.2492	1.2492	257.4	257.4	1.2613	252.4	252.4	1.2603	1.2603
10	81	258.2	1.2556	302.4	1.0778	1.0778	217.5	1.1958	1.1958	263.1	263.1	1.2110	263.0	263.0	1.2097	1.2097
11	81	267.2	1.2135	294.3	1.1173	1.1173	223.8	1.1625	1.1625	273.2	273.2	1.1981	268.3	268.3	1.1859	1.1859
12	81	274.6	1.1808	299.0	1.0898	1.0898	230.3	1.1294	1.1294	280.0	280.0	1.1592	275.1	275.1	1.1567	1.1567
13	81	284.7	1.1309	301.2	1.0820	1.0820	234.9	1.1073	1.1073	286.4	286.4	1.1237	283.0	283.0	1.1242	1.1242
14	81	293.1	1.1064	306.8	1.0622	1.0622	240.5	1.0797	1.0797	296.1	296.1	1.0962	290.6	290.6	1.0948	1.0948
15	81	307.1	1.0805	312.3	1.0436	1.0436	244.4	1.0642	1.0642	312.8	312.8	1.0721	297.0	297.0	1.0714	1.0714
16	81	318.1	1.0194	322.6	1.0101	1.0101	249.8	1.0411	1.0411	319.1	319.1	1.0175	304.0	304.0	1.0366	1.0366
17	82	323.6	1.0023	324.9	1.0032	1.0032	252.7	1.0234	1.0234	319.1	319.1	1.0175	312.4	312.4	1.0183	1.0183
18	82	325.0	0.9975	326.5	0.9943	0.9943	259.2	1.0037	1.0037	323.9	323.9	1.0023	317.4	317.4	1.0024	1.0024
19	82	330.3	0.9817	329.6	0.9807	0.9807	261.5	0.9947	0.9947	325.4	325.4	0.9975	313.0	313.0	0.9975	0.9975
20	82						267.1	0.9739	0.9739	330.1	330.1	0.9813	323.0	323.0	0.9825	0.9825

INFLATION INDEXES
FISCAL YEAR INDICES

FY	AIRCRAFT PRODUCTION			ENGINE PRODUCTION			AVIONICS PRODUCTION			AGGREGATE AIR VEHICLE EXCLUDING AVIONICS			AGGREGATE AIR VEHICLE INCLUDING AVIONICS		
	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	FACTOR FY82=
68	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	1.0000
69	101.7	2.1667	102.5	2.1794	102.0	2.5501	102.0	2.5501	111.9	3.1851	101.9	3.1215	101.9	3.1215	3.1215
70	107.1	3.0223	107.1	3.0421	106.2	2.4493	106.2	2.4493	107.1	3.0303	107.0	2.9726	107.0	2.9726	2.9726
71	113.5	2.8537	117.3	2.7789	116.6	2.3522	116.6	2.3522	114.4	2.8367	114.0	2.7897	114.0	2.7897	2.7897
72	119.0	2.7141	124.5	2.6174	116.4	2.2350	116.4	2.2350	120.6	2.6919	120.2	2.6476	120.2	2.6476	2.6476
73	124.4	2.6072	130.0	2.5061	118.7	2.1854	118.7	2.1854	125.6	2.5439	124.9	2.5463	124.9	2.5463	2.5463
74	133.2	2.4341	131.1	2.4056	122.0	2.1177	122.0	2.1177	132.7	2.4454	131.8	2.4146	131.8	2.4146	2.4146
75	144.1	2.2498	142.3	2.2910	129.0	2.0159	129.0	2.0159	143.7	2.2543	142.2	2.2368	142.2	2.2368	2.2368
76	164.0	1.9773	172.1	1.8931	141.4	1.6398	141.4	1.6398	165.8	1.9579	163.4	1.9476	163.4	1.9476	1.9476
77	178.0	1.8155	182.5	1.7860	149.0	1.7462	149.0	1.7462	175.5	1.8087	176.4	1.8034	176.4	1.8034	1.8034
78	186.1	1.7424	192.3	1.6950	153.4	1.6962	153.4	1.6962	187.5	1.7316	184.1	1.7282	184.1	1.7282	1.7282
79	194.7	1.6621	203.1	1.6045	161.3	1.6128	161.3	1.6128	195.6	1.6312	193.1	1.6460	193.1	1.6460	1.6460
80	208.9	1.5519	216.3	1.5366	179.5	1.4494	179.5	1.4494	210.6	1.5415	207.5	1.5336	207.5	1.5336	1.5336
81	230.5	1.4060	236.6	1.3774	194.5	1.3377	194.5	1.3377	231.9	1.4000	228.1	1.3947	228.1	1.3947	1.3947
82	262.7	1.2343	294.1	1.1042	220.0	1.1826	220.0	1.1826	263.7	1.2037	264.7	1.2020	264.7	1.2020	1.2020
83	296.4	1.0934	309.5	1.0528	242.5	1.0726	242.5	1.0726	244.3	1.0845	243.6	1.0835	243.6	1.0835	1.0835
84	324.2	1.0010	325.9	1.0000	260.1	1.0000	260.1	1.0000	324.6	1.0000	318.2	1.0000	318.2	1.0000	1.0000

APPENDIX G
ANNUAL DATA FOR THE HISTORICAL INFLATION PROGRAM
RAW MATERIAL PORTION ONLY

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 . C A L C U L A T I O N Y E A R D A T A .
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 . P R E - 1 9 5 3 .
 .
 R A T I O N A L M A T E R I A L O N L Y
 .

CV	PPI-17	PPI-1	SIC372
1947	70.50	54.90	0.000
1948	72.50	52.50	0.000
1949	70.50	53.00	0.000
1950	85.00	65.30	0.000
1951	105.40	73.80	0.000
1952	95.50	73.90	0.000
1953	89.10	76.30	0.000
1954	90.40	76.90	0.000
1955	102.40	82.10	0.000
1956	113.00	89.20	0.000
1957	103.40	91.00	0.000

U.S. AIR FORCE - ILLINOIS - 1964

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
612X	150262	130264	150264	150264	220111	220111	220111	220111	220111	220111	220111	220111	220111	220111	220111	220111	220111
LY	MURDER CR	STL	STALS	CAST	FORGE	LEAD	MAGNETS	ALUMIN	SC-SIK	EXTRD	CP/DRS	MODEL	TL-10L	FLEET	367A	3721	3724
1350	191.30	93.10	125.70	91.21	93.20	86.77	100.00	107.60	107.60	107.60	74.13	70.50	149.30	99.90	0.00	0.00	0.00
1359	102.90	94.70	121.50	95.40	90.40	87.20	101.00	106.00	106.00	106.00	81.50	70.50	122.40	99.50	0.00	0.00	0.00
1360	103.10	94.70	120.20	90.80	90.80	85.20	106.00	110.90	110.80	110.80	81.70	87.20	117.90	94.20	0.00	0.00	0.00
1361	99.20	94.70	116.00	97.00	97.00	77.60	100.00	101.30	111.30	111.30	75.00	89.40	108.10	94.20	0.00	0.00	0.00
1362	95.30	94.70	115.40	97.00	97.00	68.70	100.00	109.70	108.70	108.70	73.30	91.60	101.00	96.70	0.00	0.00	0.00
1363	95.60	96.90	107.00	97.00	97.00	79.60	100.00	102.90	102.90	102.90	73.40	91.60	97.30	95.70	0.00	0.00	0.00
1364	95.60	94.60	94.40	97.10	97.10	97.00	100.00	101.40	101.40	101.40	70.50	90.60	97.30	95.10	0.00	0.00	0.00
1365	95.90	90.00	91.40	96.10	96.10	114.30	100.00	99.40	99.40	99.40	86.10	90.00	94.80	95.10	0.00	0.00	0.00
1366	97.00	98.00	91.60	99.00	99.00	107.20	100.00	98.50	98.50	98.50	99.00	94.20	100.00	97.70	0.00	0.00	0.00
1367	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	0.00	0.00	0.00
1368	103.40	104.70	103.10	105.70	102.60	94.60	100.00	102.40	95.10	102.40	117.30	105.20	99.30	99.20	0.00	0.00	0.00
1369	105.30	109.50	112.50	113.40	108.10	106.50	100.00	109.70	91.00	112.00	114.20	112.20	98.00	100.70	0.00	0.00	0.00
1370	105.30	116.40	130.90	115.50	117.10	112.10	100.00	110.60	93.40	120.60	130.00	132.10	95.50	101.00	0.00	0.00	0.00
1371	109.10	123.40	135.00	125.30	122.90	99.00	102.70	106.70	93.40	121.40	118.60	139.70	102.30	102.40	0.00	0.00	0.00
1372	109.30	133.00	126.40	129.00	130.50	109.00	103.60	104.80	93.50	123.20	124.10	140.40	107.00	103.40	0.00	0.00	0.00
1373	112.40	135.30	122.10	132.20	135.90	117.00	106.40	105.20	93.40	125.10	141.70	148.20	109.20	104.40	0.00	0.00	0.00
1374	136.20	167.60	157.10	163.90	161.80	159.10	173.20	136.40	124.60	150.90	182.70	173.50	152.50	111.40	0.00	0.00	0.00
1375	150.20	189.30	165.30	195.80	191.90	154.10	228.10	152.60	145.40	167.00	149.90	219.60	168.80	115.50	0.00	0.00	0.00
1376	159.20	205.10	168.80	216.30	215.20	163.80	249.00	175.30	153.50	162.30	163.00	241.50	171.60	113.80	0.00	0.00	0.00
1377	167.60	230.00	197.10	234.40	233.90	213.30	275.60	200.80	163.50	211.50	166.40	259.10	170.20	119.50	0.00	0.00	0.00
1378	174.80	255.00	197.00	257.50	264.50	240.50	279.10	230.50	174.20	231.10	171.60	263.40	173.10	126.90	0.00	0.00	0.00
1379	174.30	262.20	218.80	291.90	297.00	276.30	294.90	240.20	171.00	255.10	213.30	318.40	211.40	135.40	0.00	0.00	0.00
1380	217.40	296.00	227.00	307.00	337.00	310.70	324.10	240.90	210.10	289.00	232.00	389.60	243.40	150.30	0.00	0.00	0.00
1381	232.00	333.00	251.00	361.40	374.60	367.50	382.30	281.00	24.10	308.60	222.00	370.90	262.60	168.10	0.00	0.00	0.00

APPENDIX H
MONTHLY DATA FOR THE HISTORICAL INFLATION PROGRAM
RAW MATERIAL PORTION ONLY

[illegible]

Material - D.I.L. 6

MATERIALS										LABOR									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
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QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
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QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
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QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
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QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
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QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204		
QTY	131202	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	131204	13					

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WATKINS

CATNO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
NUMBER	CM	SIL	STNLS	CAST	FOUR	LEAD	MEGGS	ALUMY	SC	STK	EXTR	CP/MS	MODEL	THAIL	ALCT	ACFT	CLUG	OTHER
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60	153.40	1.00	0.00	0.00	0.00	0.00
219.10	204.50	232.20	216.50	346.70	321.40	352.70	247.70	261.40	230.20	230.90	379.70	249.60</						

APPENDIX I
HISTORICAL INFLATION INDICES
RAW MATERIAL PORTION ONLY

HISTORICAL INFLATION 1941-1950 INDICES

RAW MATERIAL PORTION ONLY

CY	AIRFRAME PRODUCTION			ENGINE PRODUCTION			ASSEMBLY AIR VEHICLE EXCLUDING AVIONICS		
	INDEX CY 47=	FACTOR FY 47=	100.0	INDEX CY 47=	FACTOR FY 47=	100.0	INDEX CY 47=	FACTOR FY 47=	100.0
47	17.0	4.5259	36.2	36.2	4.8479	21.3	21.3	4.6483	4.6483
48	19.2	4.0000	41.2	41.2	4.2601	24.1	24.1	4.1144	4.1144
49	19.3	3.9849	41.3	41.3	4.2270	24.2	24.2	4.0301	4.0301
50	20.6	3.7456	43.7	43.7	4.0141	25.7	25.7	3.8471	3.8471
51	23.1	3.3349	48.7	48.7	3.6045	28.8	28.8	3.4362	3.4362
52	22.3	3.2611	48.7	48.7	3.6014	28.6	28.6	3.4520	3.4520
53	24.5	3.2833	50.3	50.3	3.4696	24.9	24.9	3.3617	3.3617
54	23.6	3.2559	50.7	50.7	3.4623	24.7	24.7	3.3343	3.3343
55	25.4	3.0348	54.1	54.1	3.2422	21.8	21.8	3.1133	3.1133
56	27.4	2.8002	56.8	56.8	2.9850	14.4	14.4	2.8769	2.8769
57	27.9	2.7585	60.0	60.0	2.9262	15.0	15.0	2.8025	2.8025

HISTORICAL INFLATION
CALENDAR YEAR INDICES

RAW MATERIAL PORTION ONLY

CY	AIRFRAME PRODUCTION			ENGINE PRODUCTION			AVIONICS PRODUCTION			AGGREGATE AIR VEHICLE EXCLUDING AVIONICS			AGGREGATE AIR VEHICLE INCLUDING AVIONICS		
	INDEX CY67=	FACTOR FY67=	INDEX CY67=	FACTOR FY67=	INDEX CY67=	FACTOR FY67=	INDEX CY67=	FACTOR FY67=	INDEX CY67=	FACTOR FY67=	INDEX CY67=	FACTOR FY67=	INDEX CY67=	FACTOR FY67=	INDEX CY67=
58	27.7	2.7752	59.6	2.9456	31.5	1.7497	34.8	2.8406	34.5	2.7487	34.5	2.7487	34.5	2.7487	34.5
59	25.2	2.9829	56.3	3.1177	31.3	1.7520	32.6	3.0345	32.5	2.9107	32.5	2.9107	32.5	2.9107	32.5
60	26.2	2.9392	57.9	3.0292	31.9	1.7760	33.2	2.9741	33.0	2.8019	33.0	2.8019	33.0	2.8019	33.0
61	25.4	3.0315	57.0	3.0791	30.9	1.7760	32.4	3.0501	32.5	2.9270	32.5	2.9270	32.5	2.9270	32.5
62	24.5	3.1365	55.8	3.1435	30.5	1.8935	31.5	3.1192	31.4	3.0076	31.4	3.0076	31.4	3.0076	31.4
63	23.7	3.2549	53.2	3.2964	30.1	1.8224	30.2	3.2711	30.2	3.1265	30.2	3.1265	30.2	3.1265	30.2
64	23.5	3.2638	49.8	3.5252	30.0	1.8339	29.4	3.3660	29.4	3.2161	29.4	3.2161	29.4	3.2161	29.4
65	23.6	3.2624	49.0	3.5788	30.0	1.8339	29.3	3.3803	29.3	3.2223	29.3	3.2223	29.3	3.2223	29.3
66	23.8	3.2309	49.8	3.5255	30.8	1.7851	29.6	3.3419	29.7	3.1753	29.7	3.1753	29.7	3.1753	29.7
67	24.1	3.1934	52.8	3.3227	31.5	1.7441	30.5	3.2432	30.6	3.0688	30.6	3.0688	30.6	3.0688	30.6
68	24.5	3.1419	54.3	3.2295	31.2	1.7591	31.1	3.1759	31.1	3.0336	31.1	3.0336	31.1	3.0336	31.1
69	25.5	3.0184	57.8	3.0353	31.7	1.7519	32.7	3.0259	32.7	2.8992	32.7	2.8992	32.7	2.8992	32.7
70	26.2	2.9345	65.3	2.6874	31.8	1.7267	34.9	2.8318	34.6	2.7302	34.6	2.7302	34.6	2.7302	34.6
71	26.2	2.9473	67.7	2.5729	32.3	1.7031	35.4	2.7927	35.1	2.6925	35.1	2.6925	35.1	2.6925	35.1
72	26.6	2.8933	69.9	2.6623	32.6	1.6867	35.3	2.7347	35.3	2.6059	35.3	2.6059	35.3	2.6059	35.3
73	27.3	2.8226	66.2	2.6514	32.9	1.6705	35.9	2.7025	35.6	2.6026	35.6	2.6026	35.6	2.6026	35.6
74	34.2	2.2535	82.9	2.1175	35.1	1.5655	40.0	2.1381	40.0	2.1476	40.0	2.1476	40.0	2.1476	40.0
75	35.1	1.9678	95.7	1.8328	36.4	1.5100	51.7	1.9123	50.2	1.8831	50.2	1.8831	50.2	1.8831	50.2
76	42.2	1.8225	106.8	1.7407	36.5	1.5059	55.3	1.7593	53.6	1.7700	53.6	1.7700	53.6	1.7700	53.6
77	45.5	1.6883	111.5	1.5733	37.6	1.4594	67.2	1.6913	58.7	1.6295	58.7	1.6295	58.7	1.6295	58.7
78	49.2	1.5637	113.2	1.5495	40.4	1.3743	63.5	1.5581	61.1	1.5460	61.1	1.5460	61.1	1.5460	61.1
79	55.4	1.3855	130.2	1.3479	42.8	1.2842	72.7	1.3704	69.2	1.3631	69.2	1.3631	69.2	1.3631	69.2
80	64.7	1.1907	170.9	1.0265	49.2	1.1158	84.3	1.1209	84.4	1.1198	84.4	1.1198	84.4	1.1198	84.4
81	74.5	1.0277	173.0	1.0144	53.0	1.0375	96.7	1.0224	92.3	1.0233	92.3	1.0233	92.3	1.0233	92.3

1777411 75-1401-100

RAW MATERIAL PORTION ONLY

AIRFRAME PRODUCTION				ENGINE PRODUCTION				AVIATION PRODUCTION				AGGREGATE AIR VEHICLE PRODUCTION INCLUDING AVIONICS				AGGREGATE AIR VEHICLE PRODUCTION INCLUDING AVIONICS			
CY	FY	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=	INDEX CY67=	FACTOR FY82=		
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JUL	67	24.0	3.2035	52.4	3.3480	31.4	1.7475	40.4	3.2602	30.4	3.1040	30.4	3.2602	30.4	3.1040	30.4	3.2602		
AUG	67	24.1	3.2001	52.4	3.3471	31.4	1.7472	30.4	3.2367	30.5	3.1017	30.5	3.2367	30.5	3.1017	30.5	3.2367		
SEP	67	24.1	3.1928	52.4	3.3471	31.3	1.7524	30.4	3.2519	30.5	3.0979	30.5	3.2519	30.5	3.0979	30.5	3.2519		
OCT	67	24.2	3.1820	53.7	3.3692	31.3	1.7524	30.7	3.2154	30.4	3.1672	30.4	3.2154	30.4	3.1672	30.4	3.2154		
NOV	67	24.3	3.1717	54.1	3.3420	31.3	1.7594	31.3	3.1991	30.7	3.0538	30.7	3.1991	30.7	3.0538	30.7	3.1991		
DEC	67	24.3	3.1666	54.1	3.3423	31.3	1.7487	31.3	3.1769	31.0	3.0487	31.0	3.1769	31.0	3.0487	31.0	3.1769		
JAN	68	24.5	3.1474	54.1	3.2411	31.4	1.7492	31.4	3.1338	31.1	3.0383	31.1	3.1338	31.1	3.0383	31.1	3.1338		
FEB	68	24.6	3.1361	54.5	3.2221	31.3	1.7545	31.2	3.1696	31.2	3.0274	31.2	3.1696	31.2	3.0274	31.2	3.1696		
MAR	68	24.6	3.1340	54.5	3.2225	31.2	1.7534	31.2	3.1683	31.2	3.1274	31.2	3.1683	31.2	3.1274	31.2	3.1683		
APR	68	24.6	3.1366	54.4	3.2260	31.3	1.7545	31.2	3.1713	31.2	3.0291	31.2	3.1713	31.2	3.0291	31.2	3.1713		
MAY	68	24.5	3.1674	54.4	3.2282	31.3	1.7524	31.0	3.1711	31.1	3.0458	31.1	3.1711	31.1	3.0458	31.1	3.1711		
JUN	68	24.5	3.1416	54.4	3.2269	31.2	1.7594	31.1	3.1747	31.2	3.0329	31.2	3.1747	31.2	3.0329	31.2	3.1747		
JUL	68	24.6	3.1236	54.4	3.2261	31.2	1.7516	31.2	3.1632	31.3	3.0234	31.3	3.1632	31.3	3.0234	31.3	3.1632		
AUG	68	24.7	3.1234	54.6	3.2121	31.2	1.7616	31.3	3.1578	31.3	3.0167	31.3	3.1578	31.3	3.0167	31.3	3.1578		
SEP	68	24.9	3.1494	54.4	3.2264	31.2	1.7616	31.1	3.1793	31.1	3.0372	31.1	3.1793	31.1	3.0372	31.1	3.1793		
OCT	68	24.5	3.1441	54.4	3.2263	31.2	1.7616	31.1	3.1785	31.1	3.0365	31.1	3.1785	31.1	3.0365	31.1	3.1785		
NOV	68	24.3	3.1441	54.1	3.2422	31.2	1.7594	31.1	3.1820	31.1	3.0392	31.1	3.1820	31.1	3.0392	31.1	3.1820		
DEC	68	24.3	3.1400	54.1	3.2418	31.2	1.7594	31.1	3.1756	31.1	3.0371	31.1	3.1756	31.1	3.0371	31.1	3.1756		
JAN	69	24.6	3.1234	55.7	3.1513	31.2	1.7634	31.2	3.1345	31.5	2.9749	31.5	3.1345	31.5	2.9749	31.5	3.1345		
FEB	69	25.1	3.0677	56.7	3.1476	31.4	1.7464	31.2	3.0957	31.9	2.9616	31.9	3.0957	31.9	2.9616	31.9	3.0957		
MAR	69	25.2	3.0436	55.8	3.1471	31.0	1.7371	31.2	3.0873	32.0	2.9338	32.0	3.0873	32.0	2.9338	32.0	3.0873		
APR	69	25.4	3.0301	56.0	3.1341	31.7	1.7336	32.2	3.0703	32.2	2.9385	32.2	3.0703	32.2	2.9385	32.2	3.0703		
MAY	69	25.5	3.0151	56.1	3.1302	31.7	1.7434	32.3	3.0501	32.2	2.9294	32.2	3.0501	32.2	2.9294	32.2	3.0501		
JUN	69	25.6	3.0134	57.2	3.1592	31.7	1.7336	32.6	3.0351	32.5	2.9082	32.5	3.0351	32.5	2.9082	32.5	3.0351		
JUL	69	25.6	3.0066	57.2	3.0685	31.7	1.7355	32.6	3.0303	32.5	2.9143	32.5	3.0303	32.5	2.9143	32.5	3.0303		
AUG	69	25.8	2.9892	57.2	3.0575	31.7	1.7336	32.7	3.0196	32.6	2.9947	32.6	3.0196	32.6	2.9947	32.6	3.0196		
SEP	69	25.6	3.0135	56.9	3.0931	31.9	1.7234	32.5	3.0347	32.6	2.9096	32.6	3.0347	32.6	2.9096	32.6	3.0347		
OCT	69	25.7	2.9982	61.2	2.8581	31.0	1.7193	33.5	2.9455	33.4	2.8283	33.4	2.9455	33.4	2.8283	33.4	2.9455		
NOV	69	25.8	2.9837	61.0	2.8760	32.0	1.7146	33.6	2.9406	33.5	2.8233	33.5	2.9406	33.5	2.8233	33.5	2.9406		
DEC	69	26.1	2.9519	63.6	2.7522	31.0	1.7193	33.5	2.9394	34.2	2.7624	34.2	2.9394	34.2	2.7624	34.2	2.9394		
JAN	70	26.2	2.9435	65.1	2.6344	31.0	1.7193	34.8	2.9401	34.5	2.7365	34.5	2.9401	34.5	2.7365	34.5	2.9401		
FEB	70	26.2	2.9437	65.1	2.6340	31.6	1.7405	34.8	2.9402	34.5	2.7356	34.5	2.9402	34.5	2.7356	34.5	2.9402		
MAR	70	26.1	2.9431	65.1	2.6441	31.0	1.7465	34.8	2.9402	34.5	2.7425	34.5	2.9402	34.5	2.7425	34.5	2.9402		
APR	70	26.2	2.9303	65.1	2.6467	31.7	1.7356	34.8	2.9233	34.6	2.7336	34.6	2.9233	34.6	2.7336	34.6	2.9233		
MAY	70	26.2	2.9244	65.1	2.6470	31.4	1.7475	34.8	2.9233	34.6	2.7336	34.6	2.9233	34.6	2.7336	34.6	2.9233		
JUN	70	26.3	2.9222	65.2	2.6333	31.3	1.7434	34.8	2.9233	34.7	2.7259	34.7	2.9233	34.7	2.7259	34.7	2.9233		
JUL	70	26.3	2.9241	65.2	2.6333	31.3	1.7393	34.8	2.9233	34.7	2.7259	34.7	2.9233	34.7	2.7259	34.7	2.9233		
AUG	70	26.3	2.9241	65.2	2.6333	31.3	1.7393	34.8	2.9233	34.7	2.7259	34.7	2.9233	34.7	2.7259	34.7	2.9233		
SEP	70	26.2	2.9331	65.6	2.6017	32.0	1.7193	34.7	2.9233	34.6	2.7271	34.6	2.9233	34.6	2.7271	34.6	2.9233		
OCT	70	26.2	2.9316	65.4	2.6016	32.0	1.7193	34.7	2.9233	34.6	2.7271	34.6	2.9233	34.6	2.7271	34.6	2.9233		
NOV	70	26.2	2.9340	65.7	2.6016	32.1	1.7116	34.7	2.9233	34.7	2.7271	34.7	2.9233	34.7	2.7271	34.7	2.9233		
DEC	70	26.2	2.9340	65.5	2.6016	32.1	1.7116	34.7	2.9233	34.7	2.7271	34.7	2.9233	34.7	2.7271	34.7	2.9233		

RAW MATERIAL PORTION ONLY

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HISTORICAL INFLATION MONTHLY INDICES

RAW MATERIAL PORTION ONLY

AIRFRAME PRODUCTION				ENGINE PRODUCTION				AVIONICS PRODUCTION				AGGREGATE AIR VEHICLE EXCLUDING AVIONICS				AGGREGATE AIR VEHICLE INCLUDING AVIONICS			
CV	FY	INDEX CYST=	FACTOR FY82=	INDEX CYST=	FACTOR FY82=	INDEX CYST=	FACTOR FY82=	INDEX CYST=	FACTOR FY82=	INDEX CYST=	FACTOR FY82=	INDEX CYST=	FACTOR FY82=	INDEX CYST=	FACTOR FY82=	INDEX CYST=	FACTOR FY82=	INDEX CYST=	FACTOR FY82=
---	---	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
AUG	74	75	2.0876	91.2	1.9240	35.9	1.5312	49.0	2.0199	47.5	1.7831	47.5	1.7831	47.5	1.7831	47.5	1.7831	47.5	1.7831
SEP	74	75	2.0868	91.5	1.9170	35.7	1.5393	49.0	2.0159	47.7	1.7802	47.7	1.7802	47.7	1.7802	47.7	1.7802	47.7	1.7802
OCT	74	75	2.0319	92.4	1.8947	36.0	1.5258	50.0	1.9795	48.6	1.9459	48.6	1.9459	48.6	1.9459	48.6	1.9459	48.6	1.9459
NOV	74	75	2.0063	92.8	1.8903	36.8	1.4932	49.9	1.9413	48.6	1.9448	48.6	1.9448	48.6	1.9448	48.6	1.9448	48.6	1.9448
DEC	74	75	2.0531	93.4	1.8742	36.9	1.4906	50.0	1.9786	49.7	1.9417	49.7	1.9417	49.7	1.9417	49.7	1.9417	49.7	1.9417
JAN	75	75	1.5987	98.8	1.7757	36.9	1.4868	51.9	1.9044	50.4	1.8738	50.4	1.8738	50.4	1.8738	50.4	1.8738	50.4	1.8738
FEB	75	75	2.0001	96.4	1.8208	36.9	1.4906	51.4	1.9253	49.9	1.8332	49.9	1.8332	49.9	1.8332	49.9	1.8332	49.9	1.8332
MAR	75	75	1.9997	96.2	1.8241	36.7	1.4957	51.3	1.9266	49.3	1.8942	49.3	1.8942	49.3	1.8942	49.3	1.8942	49.3	1.8942
APR	75	75	1.9902	96.4	1.8202	36.6	1.4936	51.5	1.9195	50.0	1.9467	50.0	1.9467	50.0	1.9467	50.0	1.9467	50.0	1.9467
MAY	75	75	1.9733	96.9	1.8132	36.4	1.5087	51.9	1.9056	50.3	1.8769	50.3	1.8769	50.3	1.8769	50.3	1.8769	50.3	1.8769
JUN	75	75	1.9738	95.2	1.8436	36.4	1.5073	51.5	1.9203	51.0	1.8902	51.0	1.8902	51.0	1.8902	51.0	1.8902	51.0	1.8902
JUL	75	75	1.9714	95.3	1.8407	36.4	1.5047	51.6	1.9177	50.0	1.8379	50.0	1.8379	50.0	1.8379	50.0	1.8379	50.0	1.8379
AUG	75	76	1.9291	95.4	1.8391	36.3	1.5152	52.1	1.9984	50.5	1.8709	50.5	1.8709	50.5	1.8709	50.5	1.8709	50.5	1.8709
SEP	75	76	1.9369	95.4	1.8394	36.1	1.5231	52.1	1.9971	50.5	1.8704	50.5	1.8704	50.5	1.8704	50.5	1.8704	50.5	1.8704
OCT	75	76	1.9435	95.3	1.8419	35.9	1.5312	52.0	1.9921	50.4	1.8757	50.4	1.8757	50.4	1.8757	50.4	1.8757	50.4	1.8757
NOV	75	76	1.9423	93.8	1.8700	36.0	1.5258	51.7	1.9132	50.1	1.8865	50.1	1.8865	50.1	1.8865	50.1	1.8865	50.1	1.8865
DEC	75	76	1.9441	93.8	1.8710	36.0	1.5258	51.5	1.9146	50.1	1.8865	50.1	1.8865	50.1	1.8865	50.1	1.8865	50.1	1.8865
JAN	76	76	1.9139	98.7	1.7786	36.1	1.5211	53.1	1.8610	51.4	1.8373	51.4	1.8373	51.4	1.8373	51.4	1.8373	51.4	1.8373
FEB	76	76	1.9121	98.7	1.7786	36.2	1.5178	53.2	1.8570	51.5	1.8332	51.5	1.8332	51.5	1.8332	51.5	1.8332	51.5	1.8332
MAR	76	76	1.8959	99.2	1.7687	36.2	1.5165	53.6	1.8442	51.9	1.8213	51.9	1.8213	51.9	1.8213	51.9	1.8213	51.9	1.8213
APR	76	76	1.8887	99.2	1.7682	36.3	1.5139	53.8	1.8383	52.0	1.8157	52.0	1.8157	52.0	1.8157	52.0	1.8157	52.0	1.8157
MAY	76	76	1.8576	99.4	1.7665	36.3	1.5126	54.4	1.8183	52.6	1.7972	52.6	1.7972	52.6	1.7972	52.6	1.7972	52.6	1.7972
JUN	76	76	1.8267	99.4	1.7647	36.3	1.5060	54.9	1.8118	53.9	1.7914	53.9	1.7914	53.9	1.7914	53.9	1.7914	53.9	1.7914
JUL	76	77	1.8195	99.8	1.7546	36.9	1.5034	55.1	1.7950	53.9	1.7750	53.9	1.7750	53.9	1.7750	53.9	1.7750	53.9	1.7750
AUG	76	77	1.7934	102.5	1.7113	36.5	1.5047	56.2	1.7611	54.2	1.7429	54.2	1.7429	54.2	1.7429	54.2	1.7429	54.2	1.7429
SEP	76	77	1.7865	103.2	1.7026	36.6	1.5009	57.2	1.7281	55.2	1.7130	55.2	1.7130	55.2	1.7130	55.2	1.7130	55.2	1.7130
OCT	76	77	1.7842	103.2	1.7005	36.6	1.4932	57.3	1.7267	55.2	1.7111	55.2	1.7111	55.2	1.7111	55.2	1.7111	55.2	1.7111
NOV	76	77	1.7471	103.2	1.6999	36.8	1.4914	57.2	1.7232	55.2	1.7124	55.2	1.7124	55.2	1.7124	55.2	1.7124	55.2	1.7124
DEC	76	77	1.7514	103.2	1.7011	36.9	1.4864	57.1	1.7318	55.1	1.7145	55.1	1.7145	55.1	1.7145	55.1	1.7145	55.1	1.7145
JAN	77	77	1.7529	105.5	1.6632	37.2	1.4754	57.5	1.7164	55.5	1.7002	55.5	1.7002	55.5	1.7002	55.5	1.7002	55.5	1.7002
FEB	77	77	1.7406	106.2	1.6527	37.3	1.4730	57.9	1.7095	55.8	1.6937	55.8	1.6937	55.8	1.6937	55.8	1.6937	55.8	1.6937
MAR	77	77	1.7347	109.1	1.6088	37.3	1.4742	58.8	1.6828	56.6	1.6690	56.6	1.6690	56.6	1.6690	56.6	1.6690	56.6	1.6690
APR	77	77	1.6764	113.2	1.5670	37.5	1.4608	59.2	1.6601	57.4	1.6470	57.4	1.6470	57.4	1.6470	57.4	1.6470	57.4	1.6470
MAY	77	77	1.6941	112.5	1.5583	37.4	1.4684	59.6	1.6578	57.4	1.6470	57.4	1.6470	57.4	1.6470	57.4	1.6470	57.4	1.6470
JUN	77	77	1.6846	113.5	1.5404	37.3	1.4664	59.6	1.6523	57.4	1.6470	57.4	1.6470	57.4	1.6470	57.4	1.6470	57.4	1.6470
JUL	77	77	1.6846	114.3	1.5345	37.4	1.4673	61.4	1.6093	59.1	1.6308	59.1	1.6308	59.1	1.6308	59.1	1.6308	59.1	1.6308
AUG	77	77	1.6581	114.6	1.5347	37.4	1.4669	61.4	1.6070	59.1	1.6308	59.1	1.6308	59.1	1.6308	59.1	1.6308	59.1	1.6308
SEP	77	77	1.6650	115.5	1.5450	37.3	1.4629	61.2	1.6157	59.0	1.6394	59.0	1.6394	59.0	1.6394	59.0	1.6394	59.0	1.6394
OCT	77	77	1.6611	115.8	1.5440	37.1	1.4641	61.2	1.6140	59.0	1.6394	59.0	1.6394	59.0	1.6394	59.0	1.6394	59.0	1.6394
NOV	77	77	1.6512	115.8	1.5440	37.3	1.4641	61.2	1.6140	59.1	1.6394	59.1	1.6394	59.1	1.6394	59.1	1.6394	59.1	1.6394
DEC	77	77	1.6512	115.8	1.5440	37.3	1.4641	61.2	1.6140	59.1	1.6394	59.1	1.6394	59.1	1.6394	59.1	1.6394	59.1	1.6394
JAN	78	78	1.6512	115.8	1.5440	37.3	1.4641	61.2	1.6140	59.1	1.6394	59.1	1.6394	59.1	1.6394	59.1	1.6394	59.1	1.6394
FEB	78	78	1.6512	115.8	1.5440	37.3	1.4641	61.2	1.6140	59.1	1.6394	59.1	1.6394	59.1	1.6394	59.1	1.6394	59.1	1.6394

RAW MATERIAL PORTION ONLY

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RAW MATERIAL PORTION ONLY

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HISTORICAL INFLATION
QUARTERLY INDICES

RAW MATERIAL PORTION ONLY

QTR	CY	AIRFRAME PRODUCTION			ENGINE PRODUCTION			AVIONICS PRODUCTION			AGGREGATE AIR VEHICLE EXCLUDING AVIONICS			AGGREGATE AIR VEHICLE INCLUDING AVIONICS		
		INDEX CY67=	FACTOR FYR2=	INDEX CY67=	FACTOR FYR2=	INDEX CY67=	FACTOR FYR2=	INDEX CY67=	FACTOR FYR2=	INDEX CY67=	FACTOR FYR2=	INDEX CY67=	FACTOR FYR2=	INDEX CY67=	FACTOR FYR2=	
1	67	24.1	3.1995	52.4	3.3476	31.4	1.7498	31.4	1.7498	31.4	3.2563	30.5	3.1911	1.0000	1.0000	
2	67	24.3	3.1723	54.6	3.2513	31.3	1.7534	31.3	1.7534	31.3	3.2035	30.9	3.0564	1.0000	1.0000	
3	67	24.5	3.1392	54.3	3.2287	31.3	1.7545	31.3	1.7545	31.3	3.1739	31.2	3.0313	1.0000	1.0000	
4	67	24.5	3.1465	54.4	3.2271	31.3	1.7557	31.3	1.7557	31.3	3.1794	31.1	3.0359	1.0000	1.0000	
5	67	24.5	3.1321	54.5	3.2215	31.2	1.7616	31.2	1.7616	31.2	3.1664	31.2	3.0264	1.0000	1.0000	
6	67	24.5	3.1442	54.2	3.2367	31.2	1.7634	31.2	1.7634	31.2	3.1800	31.1	3.0375	1.0000	1.0000	
7	67	25.0	3.0783	55.7	3.1488	31.4	1.7469	31.4	1.7469	31.4	3.1057	31.8	2.9713	1.0000	1.0000	
8	67	25.5	3.0198	56.4	3.1109	31.7	1.7336	32.4	3.0551	32.4	3.0551	32.3	2.9254	1.0000	1.0000	
9	67	25.0	3.0019	57.1	3.0739	31.7	1.7307	32.6	3.0295	32.6	3.0295	32.5	2.9029	1.0000	1.0000	
10	67	25.5	2.9778	62.0	2.8312	32.0	1.7192	33.9	2.9182	33.9	2.9182	33.7	2.8043	1.0000	1.0000	
11	67	26.1	2.9455	65.1	2.6949	31.7	1.7336	34.8	2.8413	34.8	2.8413	34.5	2.7395	1.0000	1.0000	
12	67	26.3	2.9283	65.1	2.6946	31.7	1.7347	34.9	2.8314	34.9	2.8314	34.6	2.7311	1.0000	1.0000	
13	67	26.2	2.9277	65.2	2.6894	31.9	1.7228	35.0	2.8289	35.0	2.8289	34.5	2.7271	1.0000	1.0000	
14	67	26.2	2.9376	65.7	2.6712	32.1	1.7137	35.0	2.8264	35.0	2.8264	34.7	2.7236	1.0000	1.0000	
15	67	26.1	2.9541	66.1	2.6545	32.5	1.6800	35.0	2.8282	35.0	2.8282	34.7	2.7215	1.0000	1.0000	
16	67	26.4	2.9174	67.4	2.6032	32.4	1.6943	35.5	2.7848	35.5	2.7848	35.2	2.5844	1.0000	1.0000	
17	67	26.4	2.9152	68.7	2.5550	32.5	1.6927	35.4	2.7620	35.4	2.7620	35.5	2.6641	1.0000	1.0000	
18	67	26.4	2.9217	68.5	2.5600	32.3	1.6933	35.7	2.7675	35.7	2.7675	35.4	2.6690	1.0000	1.0000	
19	67	26.4	2.9138	68.7	2.5542	32.5	1.6921	35.8	2.7605	35.8	2.7605	35.5	2.6623	1.0000	1.0000	
20	67	26.5	2.8897	67.5	2.5119	32.7	1.6818	35.7	2.7535	35.7	2.7535	35.4	2.6683	1.0000	1.0000	
21	67	26.7	2.8862	63.9	2.7474	32.7	1.6827	34.9	2.8310	34.9	2.8310	34.7	2.7222	1.0000	1.0000	
22	67	26.6	2.8930	63.6	2.7585	32.5	1.6834	34.8	2.8385	34.8	2.8385	34.5	2.7355	1.0000	1.0000	
23	67	26.7	2.8791	64.1	2.7366	32.6	1.6829	35.0	2.8212	35.0	2.8212	34.8	2.7144	1.0000	1.0000	
24	67	27.1	2.8439	66.2	2.6521	32.9	1.6721	35.8	2.7451	35.8	2.7451	35.3	2.6633	1.0000	1.0000	
25	67	27.3	2.8197	67.1	2.6168	32.9	1.6673	36.1	2.7351	36.1	2.7351	35.4	2.6378	1.0000	1.0000	
26	67	28.0	2.7509	67.4	2.6437	33.1	1.6588	38.7	2.6909	38.7	2.6909	36.4	2.5971	1.0000	1.0000	
27	67	29.8	2.5847	69.7	2.5183	33.6	1.6360	38.7	2.5581	38.1	2.5581	38.1	2.4769	1.0000	1.0000	
28	67	32.7	2.3548	78.9	2.2238	34.6	1.5892	42.9	2.3025	42.1	2.3025	42.1	2.2440	1.0000	1.0000	
29	67	36.4	2.1174	99.4	1.9617	35.6	1.5420	48.2	2.0508	47.0	2.0508	47.0	2.0122	1.0000	1.0000	
30	67	37.1	2.1461	93.1	1.8654	36.6	1.5030	42.9	1.9430	48.7	1.9430	48.7	1.9441	1.0000	1.0000	
31	67	38.5	1.9935	97.1	1.8160	36.4	1.4710	51.5	1.9187	50.1	1.9187	50.1	1.8472	1.0000	1.0000	
32	67	38.0	1.9730	96.2	1.8041	36.5	1.5000	51.5	1.9151	50.1	1.9151	50.1	1.8852	1.0000	1.0000	
33	67	39.1	1.9490	95.4	1.8190	36.2	1.5156	51.3	1.9045	51.4	1.9045	51.4	1.8764	1.0000	1.0000	
34	67	39.3	1.9433	94.4	1.8190	36.2	1.5276	51.8	1.9039	50.2	1.9039	50.2	1.8826	1.0000	1.0000	
35	67	40.5	1.9053	98.0	1.7752	36.2	1.5120	51.5	1.8990	51.5	1.8990	51.5	1.8336	1.0000	1.0000	
36	67	41.5	1.8555	99.4	1.7350	36.4	1.5110	54.2	1.8143	52.1	1.8143	52.1	1.7351	1.0000	1.0000	
37	67	43.1	1.7800	101.0	1.7231	36.0	1.5000	57.2	1.7505	54.0	1.7505	54.0	1.7433	1.0000	1.0000	
38	67	40.1	1.7476	100.2	1.7012	36.1	1.4900	57.1	1.7286	53.0	1.7286	53.0	1.7127	1.0000	1.0000	
39	67	44.1	1.7474	97.4	1.6912	36.1	1.4747	56.1	1.7028	56.0	1.7028	56.0	1.6875	1.0000	1.0000	
40	67	45.4	1.6941	111.0	1.6341	37.4	1.4617	56.2	1.6943	57.4	1.6943	57.4	1.6410	1.0000	1.0000	
41	67	46.3	1.6450	114.1	1.5401	37.5	1.4610	57.4	1.6100	57.4	1.6100	57.4	1.5311	1.0000	1.0000	
42	67	46.3	1.6450	114.1	1.5401	37.5	1.4610	57.4	1.6100	57.4	1.6100	57.4	1.5311	1.0000	1.0000	

HISTORICAL INFLATION QUARTERLY INDICES

RAW MATERIAL PORTION ONLY

QTR	CY	AIRFRAME PRODUCTION		ENGINE PRODUCTION		AVIONICS PRODUCTION		AGGREGATE AIR VEHICLE EXCLUDING AVIONICS		AGGREGATE AIR VEHICLE INCLUDING AVIONICS	
		INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR	INDEX	FACTOR
---	---	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000	100.0	1.0000
1	78	47.5	1.6220	111.4	1.5751	39.4	1.3956	61.7	1.6032	59.4	1.5894
2	78	48.7	1.5897	111.8	1.5495	39.7	1.3838	62.7	1.5762	60.8	1.5636
3	78	49.5	1.5441	114.9	1.5276	43.0	1.3721	64.8	1.5375	61.9	1.5268
4	78	50.6	1.5230	114.8	1.5284	40.8	1.3467	64.8	1.5251	62.4	1.5135
1	79	51.7	1.4849	114.5	1.4807	41.3	1.3303	66.5	1.4953	64.7	1.4762
2	79	55.1	1.3936	127.9	1.3722	42.0	1.3070	71.2	1.3886	68.3	1.3836
3	79	56.4	1.3653	134.5	1.3049	43.4	1.2668	73.7	1.3409	70.7	1.3365
4	79	59.2	1.3011	158.2	1.1089	44.4	1.2375	81.2	1.2178	77.5	1.2190
1	80	62.2	1.2386	179.4	0.9782	47.0	1.1697	83.2	1.1239	84.1	1.1235
2	80	64.5	1.1941	168.9	1.0391	48.9	1.1235	87.7	1.1278	85.8	1.1275
3	80	65.3	1.1795	169.1	1.0379	50.3	1.0927	88.3	1.1193	84.5	1.1177
4	80	66.8	1.1534	156.7	1.0529	50.8	1.0819	89.0	1.1115	85.1	1.1098
1	81	71.2	1.0815	170.1	1.0315	51.9	1.0583	93.2	1.0612	89.3	1.0610
2	81	74.6	1.0294	172.9	1.0148	52.4	1.0487	96.6	1.0235	92.2	1.0250
3	81	76.5	1.0070	174.5	1.0058	53.7	1.0229	98.2	1.0055	93.8	1.0075
4	81	77.2	0.9972	174.4	1.0061	53.8	1.0205	98.8	1.0097	94.3	1.0018
1	82	77.9	0.9840	175.1	1.0021	55.1	0.9964	99.5	0.9935	95.1	0.9937
2	82	76.4	1.0029	174.6	0.9934	55.3	0.9950	97.0	0.9986	94.5	0.9983
3	82	76.0	1.0151	175.7	0.9845	55.5	0.9907	98.2	1.0173	93.9	1.0063

HISTORICAL INFLATION
FISCAL YEAR INDICES

RAW MATERIAL PORTION ONLY

FY	AIRFRAME PRODUCTION			ENGINE PRODUCTION			AVIONICS PRODUCTION			AGGREGATE AIR VEHICLE EXCLUDING AVIONICS			AGGREGATE AIR VEHICLE INCLUDING AVIONICS		
	INDEX CY67= 100.0	FACTOR FYR2= 1.0000		INDEX CY67= 100.0	FACTOR FYR2= 1.0000		INDEX CY67= 100.0	FACTOR FYR2= 1.0000		INDEX CY67= 100.0	FACTOR FYR2= 1.0000		INDEX CY67= 100.0	FACTOR FYR2= 1.0000	
69	24.3	3.1649		53.8	3.2629		31.3	1.7534		39.9	3.2329		51.9	3.3569	
69	24.9	3.0928		55.2	3.1786		31.4	1.7506		41.6	3.1261		31.6	2.9895	
70	26.9	2.9631		62.3	2.9153		31.9	1.7293		34.1	2.9039		35.3	2.7929	
71	26.2	2.9341		66.1	2.6542		32.2	1.7049		35.1	2.8170		34.6	2.7140	
72	26.5	2.9112		60.3	2.5674		32.5	1.6914		35.8	2.7545		35.4	2.5663	
73	26.8	2.8759		64.4	2.7230		32.7	1.6816		35.1	2.8136		34.9	2.7076	
74	29.4	2.6155		71.8	2.4799		33.5	1.6373		34.6	2.5533		38.1	2.4799	
75	37.5	2.0332		93.0	1.8679		36.4	1.5101		50.3	1.9546		48.9	1.9308	
76	40.2	1.9115		97.0	1.8096		36.2	1.5183		52.8	1.8712		51.2	1.8462	
77	43.1	1.7860		191.8	1.7231		36.6	1.5030		56.2	1.7606		54.2	1.7421	
77	45.3	1.7117		109.0	1.6300		37.3	1.4733		59.2	1.6701		57.3	1.6572	
78	48.1	1.5993		112.8	1.5554		39.3	1.3365		62.5	1.5917		61.2	1.5595	
79	53.9	1.4416		123.9	1.4151		41.9	1.3120		69.1	1.4314		66.4	1.4239	
80	62.8	1.2266		168.9	1.0390		47.6	1.1533		85.4	1.1450		82.5	1.1455	
81	72.2	1.0649		171.0	1.0259		52.2	1.0525		44.2	1.0492		90.0	1.0494	
82	77.0	1.0000		175.5	1.0000		54.0	1.0000		98.9	1.0000		94.5	1.0000	

DAT
ILM