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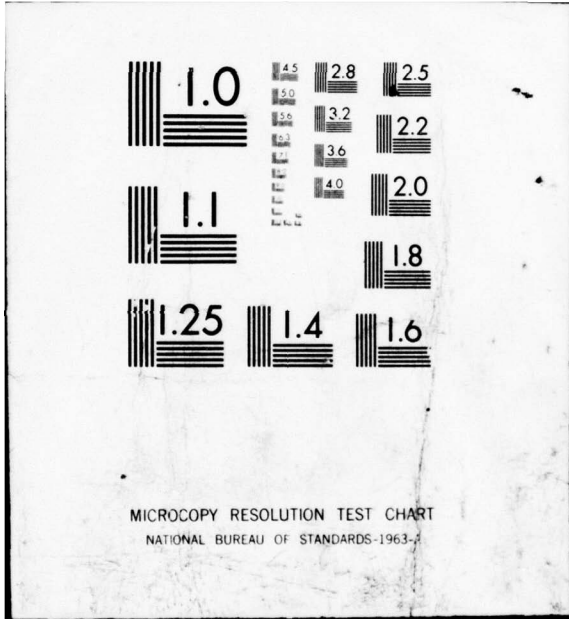
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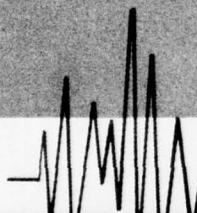
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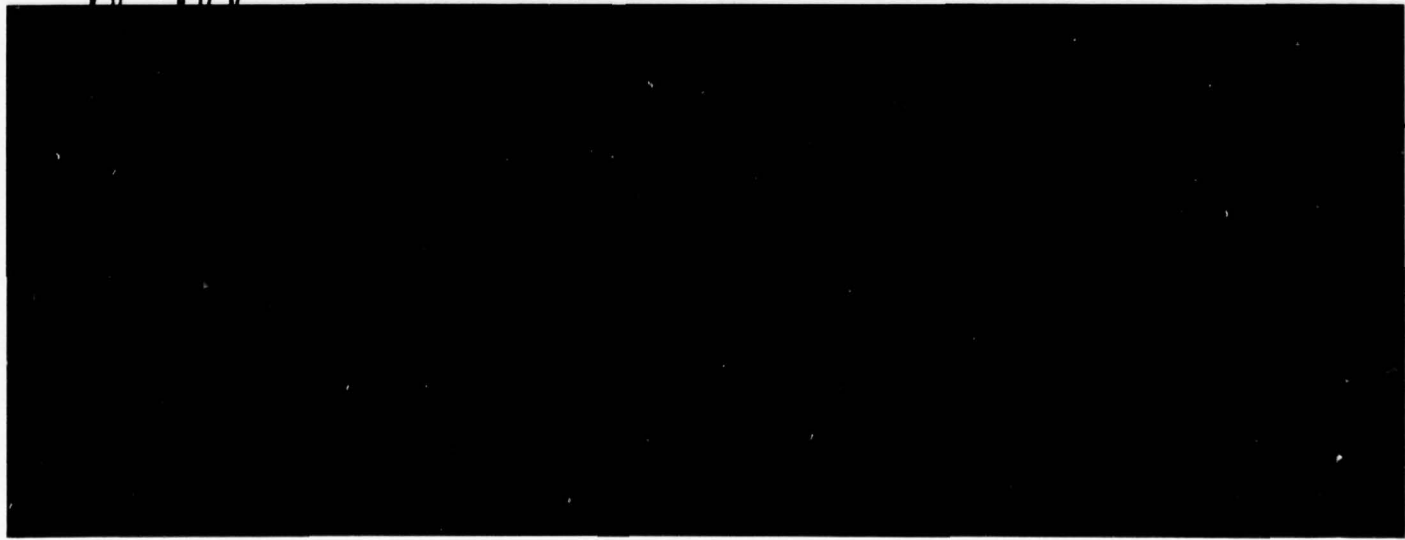
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Prepared by  
Robert A. Smith  
Thomas C. Hensler

Approved by  
Kenneth E. Lyons

ARINC Research Corporation  
a Subsidiary of Aeronautical Radio, Inc.  
2551 Riva Road  
Annapolis, Maryland 21401  
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**ABSTRACT**

This report presents the results of a study to determine if any relationships exist between logistics elements and Engineering Change Proposals (ECP). ECPs were analyzed and logistics impact was assessed. The costs associated with ECPs were also investigated.

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## CHAPTER ONE

### INTRODUCTION

↘ The purpose of this study, conducted for the Naval Air Systems Command, Headquarters, PMA-240, was to complete a trend analysis of the impact of Engineering Change Proposals (ECPs) on Weapons Systems Logistic Support for the P-3 aircraft. This objective was accomplished by two distinct types of logistic-impact assessments of each ECP. The first was an evaluation of whether the ECP had minimum, average, or maximum impact on spares support, and the second was a determination of whether or not the ECP did create an impact in publications, training, or ground support equipment. ↗

This report presents a discussion of the approach followed in the study and the results obtained, a review of data sources, the type of data collected, and the decision rules used in determining impacts (Chapter Two). It also includes a description of the analysis conducted, a synopsis of the data received, and a presentation of final results (Chapter Three). Conclusions and recommendations resulting from the study are also presented (Chapter Four). A computer listing of the data used in the study is presented in the appendix to this report.



CHAPTER TWO  
STUDY APPROACH

The initial phase of the ECP trend analysis involved the specification of desired impact data and the identification of potential sources of these data. To complete the impact assessment effectively, it was decided that the following information would be required:

- ECP number
- Lockheed submission date (month, year)
- Affected aircraft (P-3A/B/C or a combination of the three)
- Affected-system description
- Change Control Board number
- Change Control Board date (month, year)
- Change Control Board action (approved, disapproved, canceled, rescinded, or withdrawn)
- Contract amendment date (month, year)
- Type of engineering change (airframe, avionics, power plant, etc.)
- Technical directive number
- Technical directive date (month, year)
- Incorporation status (forward fit only, or retrofit and forward fit)
- Estimated cost
- Description of engineering change, including considerations of impact on
  - .. Spares
  - .. Publications
  - .. Training
  - .. Ground support equipment

With these data elements selected, potential sources of information were identified. The first such source located was a partial set of ECP records at PMA-240, not containing any documentation of ECPs prior to number 370.

To document the earlier ECPs, the next data source investigated was a master log, prepared and maintained by the Lockheed-California Company, summarizing Lockheed-submitted ECPs. This record provided partial data on all Lockheed-submitted ECPs and provided invaluable information regarding the impact of the ECP on training and ground-support equipment; it also gave the Lockheed submittal date and retrofit information. However, the material was not adequate for a full evaluation of the logistic-system impacts on the elements of interest.

In a further attempt to obtain complete data, ARINC Research requested and received a copy of the Aeronautical Technical Directive Index. By using this, we were able to develop a cross-reference index between technical directive number, engineering change numbers, and type of change (e.g., airframe, avionics). The final document, used primarily as a cross reference, was the P-3C Weapon System Configuration Status Accounting Report. By using this list, it was possible to complete a check of Change Control Board numbers, ECP numbers, and the equipment affected.

With full utilization of the four data sources, it was still impossible to achieve complete data resolution. One type of data eliminated from the collection effort was the predicted cost of the ECP change. Only about one-quarter of the total ECPs contained an estimate of anticipated costs.

From the available data base, and with the assistance of knowledgeable P-3 personnel, logistic-impact assessments were made according to the following rules:

#### **Impact on Spare Parts**

- **Minimum Impact.** The ECP being reviewed results in no modification to existing sparing. It has no effect on the quantity of spares procured previously or on order.
- **Average Impact.** The ECP being reviewed results in a minor modification to existing spares-procurement policy. It does not require scrapping any portions of existing inventory.
- **Maximum Impact.** The ECP being reviewed results in a major modification to existing sparing policy. This modification can take one of the following forms:
  - .. Requirement to scrap portions of existing inventory
  - .. A change in spares procurement, necessitating additional spares purchases
  - .. A change in existing maintenance concept

**Impact on Training, Publications, and Ground-Support Equipment.** In these three areas, the prime consideration was an evaluation of whether the ECP did or did not have an impact on the specified area.

To facilitate quantitative analysis, the results of the data search and impact assessment were prepared for computer processing. The data cards and the computer program developed for these analyses are available upon request.

## CHAPTER THREE

### DATA ANALYSIS

This chapter outlines the type of analysis conducted in the study and describes the results obtained. The basic analysis method was to create frequency distributions that summarized, by time periods, the number of Engineering Change Proposals submitted by Lockheed Aircraft Corporation. These frequency distributions were developed by means of a computer program designed to output the trend information for all possible combinations of aircraft types, alternative base dates (LAC submission, CCB date, contract amendment date), and the various types of engineering changes (avionics, airframe, power plant, etc.). Upon completion of the data bank, it was determined that the only date with sufficient coverage available was the Lockheed submission date. Therefore, all frequency distributions were developed with only the Lockheed submission date as the common base date.

To acquire a general understanding of the magnitude of various types of engineering changes, the first computer runs were devoted to analyzing ECPs related to all P-3C aircraft and the following types of changes:

#### Avionics Changes

- Data processing/display
- Communications
- Navigation
- Acoustic sensors
- Nonacoustic sensors
- Total avionics changes

#### Airframe Changes

#### Power-Plant Changes

#### All Others

- Avionics armament
- Accessories
- Support equipment
- Aircrew systems
- Propellers
- Photographic
- Clothing and survival equipment
- Air-launched missile
- Target-control system

The output of this initial analysis was a set of frequency distributions, one set per type of change, showing the following:

- Cumulative number of relevant ECPs
- Percentage of these ECPs having maximum spares impact
- Percentage of these ECPs having average spares impact
- Percentage of these ECPs having minimum spares impact
- Percentage of these ECPs having publication impact
- Percentage of these ECPs having training impact
- Percentage of these ECPs having ground-support equipment impact

As a result of this initial investigation, it was determined that the available data were insufficient to permit separate consideration of the five categories of avionics, the power-plant changes, and the "all other" grouping. The next computer run was made to obtain a 15-year plot of total P-3 avionics and airframe changes. The results of these computer outputs showed no discernible trend over time of either total avionics or airframe changes. The next phase of the analysis was to split the total P-3 ECPs into two categories, P-3A/B and P-3C, and to determine the trend of total avionics and airframe changes for the two aircraft categories. This separation of the data — predicated on the knowledge that the P-3A and P-3C were nearly identical aircraft, while the P-3C was unique because of an almost complete change of avionics — created the opportunity to consider the impact of ECPs on two aircraft-development programs.

The outputs of this computer run, portraying the P-3A/B and P-3C as two separate aircraft, produced some interesting results. Since the P-3A/B is a mature weapon system, it is possible to make some definite conclusions about the trend of its ECPs. The P-3C has not attained the same level of maturity. However, it is possible to make a limited comparison between the pattern of P-3C ECP submissions and that of the P-3A/B, but no complete comparison can be made.

Table 1 shows, by date through 1970, the cumulative number of approved P-3A/B avionics and airframe ECPs submitted and the percentage of the final total represented by each entry. Table 2 lists the same data for approved P-3C avionic and airframe ECPs submitted. Figures 1 and 2 show the cumulative percentage of approved avionics and airframe ECPs for the P-3A/B and P-3C, respectively. The point at which the number of Lockheed-submitted ECPs levels off is near the end of 1966 (shown in Figure 1). This point has not yet been reached for the P-3C, as can be seen in Figure 2. Figures 3 and 4, respectively, depict the number of P-3A/B and P-3C approved airframe and avionics ECPs submitted per year.

In addition to the leveling out of ECPs submitted on the P-3A/B, it was interesting to note, for both avionics and airframe ECPs, that as the aircraft system matured, there was an increase in the relative number of ECPs having maximum impact on spares. This phenomenon is probably due to the fact that the spare parts had already been purchased for the P-3A/B. However, the absolute percentage having maximum impact never exceeded 10 percent for the P-3A/B, and the remainder of the submitted airframe and avionics ECPs were evenly split between average and minimum impact.

The P-3C exhibited a similar trend, with less than 10 percent of the airframe ECPs having a maximum impact on spares support. However, the P-3C avionics ECPs with

**Table 1. CUMULATIVE DISTRIBUTION OF P-3A/B APPROVED ENGINEERING CHANGE PROPOSALS**

Date	Avionics		Airframe	
	Number Submitted	Percent of Total	Number Submitted	Percent of Total
12/59	11	12	9	1
6/60	17	14	11	5
12/60	21	18	24	10
6/61	34	29	33	15
12/61	42	36	46	21
6/62	49	42	59	26
12/62	57	49	77	35
6/63	65	56	94	42
12/63	73	62	108	49
6/64	79	68	124	56
12/64	92	79	138	63
6/65	99	85	151	68
12/65	102	87	171	78
6/66	109	94	191	87
12/66	110	94	197	90
6/67	111	95	204	93
12/67	111	95	207	94
6/68	113	97	209	95
12/68	114	98	212	96
6/69	114	98	214	97
12/69	115	99	217	99
6/70	115	99	218	99
12/70	116	100	219	100

**Table 2. CUMULATIVE DISTRIBUTION OF P-3C APPROVED ENGINEERING CHANGE PROPOSALS**

Date	Avionics		Airframe	
	Number Submitted	Percent of Total	Number Submitted	Percent of Total
12/67	2	3	3	5
6/68	3	4	4	7
12/68	6	8	8	14
6/69	10	14	11	19
12/69	23	32	30	52
6/70	47	64	44	76
12/70	73	100	58	100

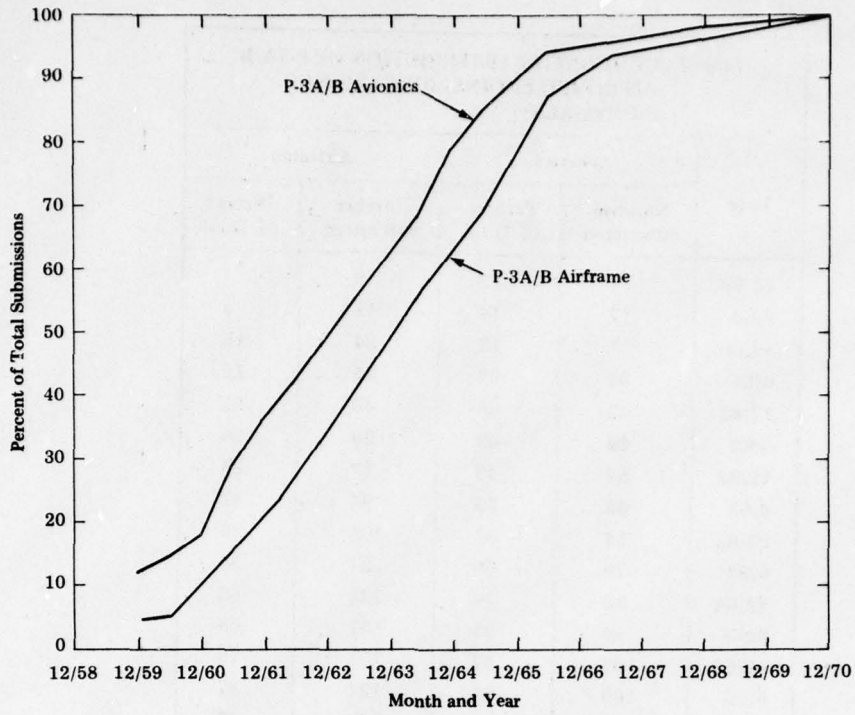


Figure 1. CUMULATIVE PERCENTAGE OF ECPS SUBMITTED PER YEAR FOR THE P-3A/B

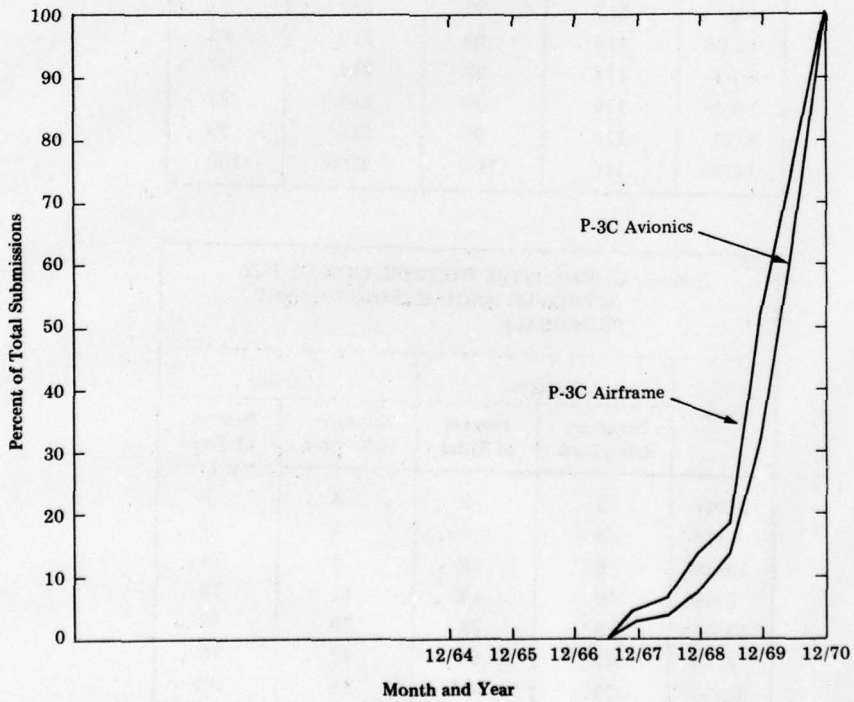


Figure 2. CUMULATIVE PERCENTAGE OF ECPS SUBMITTED PER YEAR FOR THE P-3C

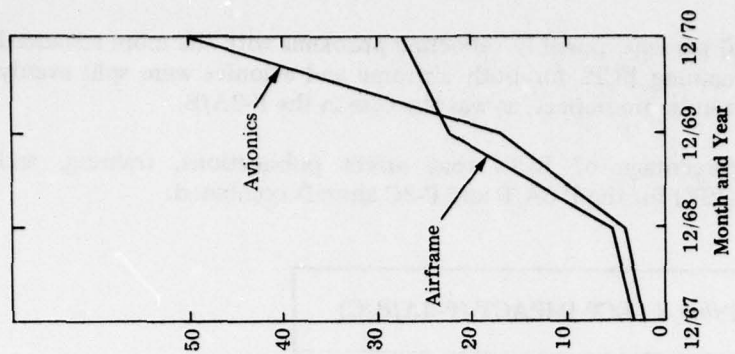


Figure 4. NUMBER OF ECPS SUBMITTED PER YEAR FOR P-3C

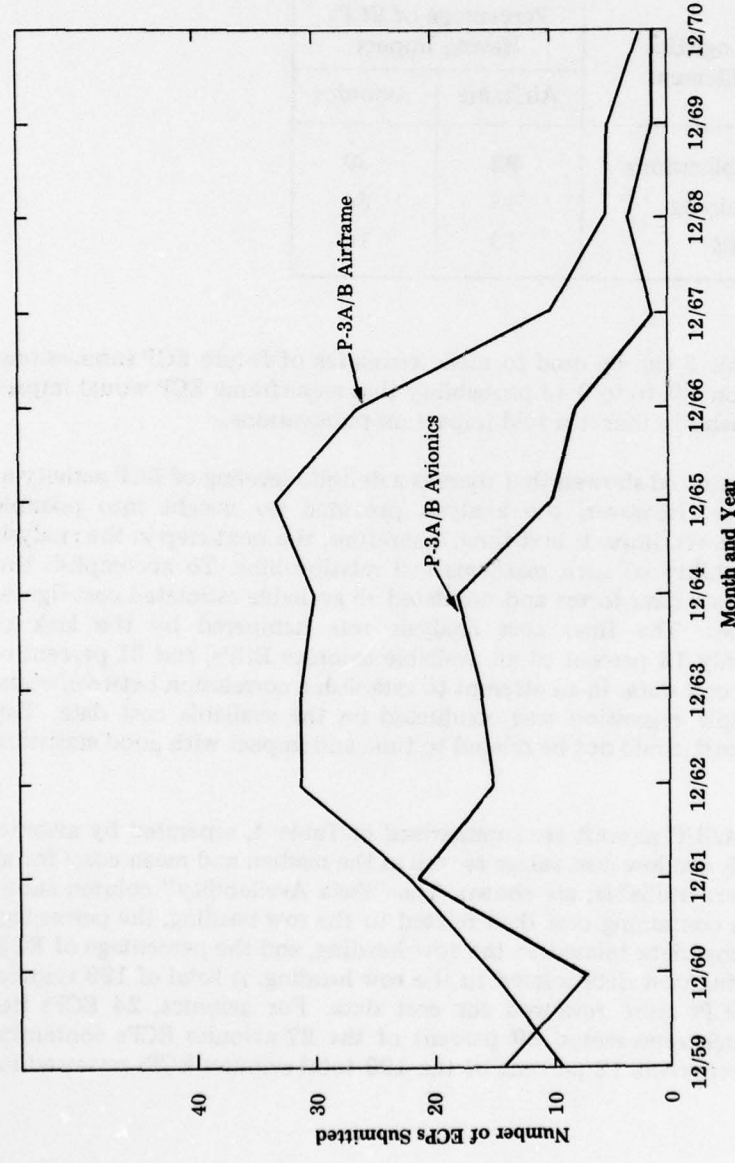


Figure 3. NUMBER OF ECPS SUBMITTED PER YEAR FOR P-3A/B

maximum impact reached 20 percent, possibly reflecting problems with the more advanced avionic subsystems. The remaining ECPs for both airframe and avionics were split evenly between average impact and minimum impact, as was the case in the P-3A/B.

Table 3 shows the percentage of ECPs that affect publications, training, and ground-support equipment (GSE) for the P-3A/B and P-3C aircraft combined.

<i>Table 3. ECP IMPACT (P-3A/B/C)</i>		
Logistics Element	Percentage of ECPs Having Impact	
	Airframe	Avionics
Publications	92	89
Training	43	54
GSE	13	10

The information in Table 3 can be used to make estimates of future ECP submissions. For example, there would be a 0.40 to 0.44 probability that an airframe ECP would impact on training, and a 0.92 probability that it would impact on publications.

This review of ECPs submitted showed that there is a definite leveling of ECP activity as the aircraft system matures. However, the analysis provided no insight into possible relationships between ECP costs, impact, and time. Therefore, the next step in the analysis was to investigate the possibility of such mathematical relationships. To accomplish this objective, we reviewed the raw data forms and tabulated all available estimated cost figures for all three aircraft types. The final cost analysis was hampered by the lack of estimated-cost data, with only 14 percent of all available avionics ECPs, and 31 percent of all airframe ECPs providing cost data. In an attempt to establish a correlation between costs, time, and impact, a multiple regression was conducted on the available cost data. This analysis showed that ECP cost could not be related to time and impact with good statistical correlation.

The cost data for P-3A/B/C aircraft are summarized in Table 4, separated by avionics and airframe ECPs. The high and low cost values as well as the median and mean costs for all ECPs, where cost values were available, are shown. The "Data Availability" column shows the actual number of ECPs containing cost data related to the row heading, the percentage of those ECPs containing cost data related to the row heading, and the percentage of ECPs in the entire study containing cost data related to the row heading. A total of 199 avionics ECPs and 289 airframe ECPs were reviewed for cost data. For avionics, 24 ECPs had publications cost data, which represented 89 percent of the 27 avionics ECPs containing cost data. These 24 ECPs represent 12 percent of the 199 total avionics ECPs reviewed for cost data.



<b>Table 4. P-3A/B/C ECP COST SUMMARY</b>							
<b>Logistic Element</b>	<b>Data Availability</b>			<b>Costs in Dollars</b>			
	<b>ECPs with Cost Data</b>		<b>Percent of Total ECPs Submitted</b>	<b>Low</b>	<b>High</b>	<b>Median</b>	<b>Mean</b>
	<b>Number</b>	<b>Percent</b>					
<b>Avionics</b>							
Publications	24	89	12	1,600	431,300	26,500	50,164
Training	10	37	5	168	43,733	7,500	14,886
Spares	13	48	6	320	2,093,000	4,970	243,716
GSE	6	22	3	420	1,324,375	9,000	363,212
<b>Total</b>	<b>27</b>	<b>100</b>	<b>14</b>	<b>490</b>	<b>3,820,375</b>	<b>30,680</b>	<b>241,723</b>
<b>Airframe</b>							
Publications	91	100	31	100	113,580	6,210	15,183
Training	26	29	9	32	88,140	1,498	7,645
Spares	25	28	9	30	271,779	5,100	32,230
GSE	7	8	2	150	31,000	4,963	8,559
<b>Total</b>	<b>91</b>	<b>100</b>	<b>31</b>	<b>220</b>	<b>329,326</b>	<b>7,825</b>	<b>26,770</b>

This phase of the study was limited because of the low percentages — 14 percent for avionics and 31 percent for airframe — of ECPs for which cost data were available. Because of the small sample size, the widely scattered values, and the lack of a distributional shape associated with these cost data, the median value would be the best statistical point estimate to use in estimating future ECP costs for similar weapons systems.

**CHAPTER FOUR**  
**CONCLUSIONS AND RECOMMENDATIONS**

**CONCLUSIONS**

On the basis of the P-3A/B ECP data, it appears that the number of ECPs submitted by the prime contractor approaches zero as the end of production is reached.

The number of ECPs being submitted each year on the P-3C is still increasing, particularly for the avionic subsystems, possibly reflecting their complexity in comparison with the P-3A/B avionic subsystems.

Other conclusions are as follows:

- There appears to be no central location where complete ECP data are available.
- Only a small percentage (10 percent) of ECPs submitted had maximum impact on spares support.
- A high percentage (90 percent) of ECPs submitted affected publications.

**RECOMMENDATIONS**

A study similar to this one should be conducted on an aircraft that has recently completed the production phase of its life cycle. This additional study should be used to verify the results of the P-3 ECP Trend Analysis and to permit these results to be extended to other aircraft types.

A central repository of ECP data should be established and maintained within NAVAIR. As a minimum, this system should be established for the P-3C to continue the monitoring of ECPs initiated in this study.

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APPENDIX

ECP DATA

The data used in this study are shown on the following pages of this appendix. The items listed are self-explanatory except for the columns entitled "Sup", "Trng", "Pubs", and "GSE". These codes reflect the impact of the ECP on spare-parts support, training, publications, and ground-support equipment, respectively. The codes are explained in Chapter Two of this report.

ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DISPOSITION	NUMBER	CHANGE CONTROL BOARD			TECHNICAL DEFECTIVE			IMPACT					
						MONTH	YEAR	ACTION	TYPE	NUMBER	MONTH	YEAR	SUP TRNG	PUR3	USE		
3	A	6	P-3A/B	AUTOPILOT, TACAN	H795	0	0	APRVD	AVC	0	0	0	0	MIN	0	1	0
4	A	11	P-3A/B	MK-101 CNTL	K263	0	0	APRVD	AAC	0	0	0	0	AVG	0	1	0
4	B	9	P-3A/B	MK-101 CNTL	K162	0	0	MULT CCB	AAC	0	0	0	0	AVG	0	1	0
4	B	9	P-3A/B	B BAY REV S WEA	M426	0	0	APRVD	AFC	0005	3	64	AVG	1	1	1	0
4	B	9	P-3A/B	B BAY REV S WEA N 10	10	0	0	MULT CCB	AFC	0005	3	64	MIN	0	0	0	0
4	B	9	P-3A/B	B BAY REV S WEA N 577	577	0	0	MULT CCB	AFC	0005	3	64	MIN	0	0	0	0
5	10	59	P-3A/B	CAMERA INSTALL	K 93	0	0	APRVD	AFC	0	0	0	0	AVG	0	1	0
5	10	59	P-3A/B	CAMERA INSTALL	K858	0	0	MULT CCB	AFC	0	0	0	0	MIN	0	0	0
6	10	59	P-3A/B	NAV SYS REV	K110	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
8	10	59	P-3A/B	ASA-16 INSTALL	H914	0	0	APRVD	AVC	0	0	0	0	AVG	1	1	0
8	10	59	P-3A/B	ASA-16 INSTALL	K262	0	0	MULT CCB	AVC	0	0	0	0	MIN	0	0	0
9	10	59	P-3A/B	ARM CNTL REV	K111	0	0	APRVD	AAC	0	0	0	0	AVG	0	1	0
10	6	60	P-3A/B	GFAEL WEIGHT		0	0	APRVD	AFC	0	0	0	0	MIN	0	1	0
11	10	59	P-3A/B	RETROLAU R CNTL	K 95	0	0	APRVD	AFC	0	0	0	0	AVG	0	1	0
12	9	59	P-3A/B	BDHI TO CFE	H847	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
13	10	59	P-3A/B	MK-17 TO MK-8-8	K 95	0	0	APRVD	AAC	0	0	0	0	AVG	0	1	0
14	10	59	P-3A/B	ADD 1 APS-80 PS	K 95	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
15	10	59	P-3A/B	STAT ACCELEROME	K110	0	0	APRVD	AFC	0	0	0	0	AVG	0	1	1
16	10	59	P-3A/B	VHF TO GFAE	K110	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
17	10	59	P-3A/B	AHRS COMP	GFAE K110	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
18	10	59	P-3A/B	AOA-3 TO AOA-3A	K 95	0	0	APRVD	AVC	0	0	0	0	MIN	0	0	0
19	10	59	P-3A/B	AERO 15C TO 25A	K110	0	0	APRVD	AAC	0	0	0	0	AVG	0	1	0
20	10	59	P-3A/B	INFLT TORP SETT	K111	0	0	APRVD	AAC	0	0	0	0	AVG	0	1	0
21	AB	10	59	COMPAS REPEAT	IND K111	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
23	9	59	P-3A/B	JACK LOAD FACTO	K294	0	0	APRVD	AFC	0	0	0	0	MIN	0	1	0
25	10	59	P-3A/B	AUTO GND SPD IN	K110	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
26	10	59	P-3A/B	ARC-38 PS CFE	K163	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
26	10	59	P-3A/B	ARC-38 PS CFE	K763	0	0	MULT CCB	AVC	0	0	0	0	AVG	0	1	0
27	10	59	P-3A/B	OPI & TX	GFAE K163	0	0	APRVD	AFC	0	0	0	0	AVG	0	1	0
27	10	59	P-3A/B	OPI & TX	GFAE K763	0	0	MULT CCB	AFC	0	0	0	0	MIN	0	0	0
28	11	59	P-3A/B	FUEL FILL PROV	K274	0	0	APRVD	AFC	0	0	0	0	MIN	0	1	0
29	10	59	P-3A/B	ARM STA SELECT	K163	0	0	APRVD	AAC	0	0	0	0	AVG	0	1	0
29	10	59	P-3A/B	ARM STA SELECT	K763	0	0	MULT CCB	AAC	0	0	0	0	MIN	0	0	0
31	10	59	P-3A/B	APX-68 TO -6	K 95	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
32	10	59	P-3A/B	MISC CHANGES	K 95	0	0	APRVD	AFC	0	0	0	0	AVG	0	1	0
33	10	59	P-3A/B	MISC CHANGES	K163	0	0	APRVD	AFC	0	0	0	0	AVG	0	1	0
33	10	59	P-3A/B	MISC CHANGES	K763	0	0	MULT CCB	AFC	0	0	0	0	MIN	0	0	0
34	12	59	P-3A/B	AHPS PWR FAIL	K344	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
37	11	59	P-3A	TORQUEMETER CFE	K275	0	0	APRVD	AFC	0	0	0	0	AVG	0	1	0
37	11	59	P-3A	TORQUEMETER CFE	K275	0	0	MULT CCB	AFC	0	0	0	0	MIN	0	0	0
40	2	60	P-3A/B	ALTIMETER POINT	K439C	0	0	APRVD	AVC	0	0	0	0	MIN	0	1	0
41	2	60	P-3A/B	MISC INSTR CHGS	K567	0	0	APRVD	AFC	0	0	0	0	AVG	0	1	0
42	RI	11	60	INFLT MAINT PRO	L550	0	0	APRVD	AFC	0	0	0	0	MIN	0	1	0
45	6	60	P-3A/B	ECH SYS REVISED	K693A	0	0	APRVD	AVC	0	0	0	0	AVG	0	1	0
46	3	60	P-3A/B	AERO 25A TO 15C	K566	0	0	APRVD	AAC	0	0	0	0	AVG	0	1	0
52	9	60	P-3A/B	TACH IND TO CFE	L122	0	0	APRVD	AFC	0	0	0	0	AVG	0	1	0
52	9	60	P-3A/B	TACH IND TO CFE	L242	0	0	MULT CCB	AFC	0	0	0	0	MIN	0	0	0
53	7	60	P-3A/B	SEXT-MT DRAW ND	K816	0	0	APRVD	AVC	0	0	0	0	MIN	0	1	0
54	A	5	61	TEMP DATUM BRAK	L692	0	0	APRVD	AFC	0	0	0	0	MIN	0	1	0
54	A	5	61	TEMP DATUM BRAK	M729	0	0	MULT CCB	AFC	0	0	0	0	MIN	0	1	0
55	8	60	P-3A/B	O TNK GRAV FILL	L 74	0	0	APRVD	AFC	0	0	0	0	MIN	0	1	0

ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM	DISCUSSION	CHANGE CONTROL BOARD		TECHNICAL DIRECTIVE		IMPACT						
						NUMBER	MONTH YEAR	ACTION	TYPE	NUMBER	MONTH YEAR	SUP TRNG	PUBS	OSE		
55		8 60	P-3A/B	C	TNK GRAV FILL	L242	0	0	MULT CCB	AVC	0	0	0	0	0	0
56		8 60	P-3A/B	C	ARC-37 C ROMEN	K844	0	0	APRVD	AVC	0	0	0	0	0	0
56		8 60	P-3A/B	C	ARC-37 C NOME4	L 81	0	0	MULT CCB	AVC	0	0	0	0	0	0
58		10 60	P-3A/B	C	GND A-C PROVISI	L241	0	0	APRVC	AVC	0	0	0	0	0	0
59	E	5 61	P-3A/B	C	TTY & 2 HF SETS	L653	0	0	APRVD	AVC	0	0	0	0	0	0
59	F	5 61	P-3A/B	C	2HF & TTY PROV	L653	0	0	APRVD	AVC	0	0	0	0	0	0
62		1 60	P-3A/B	C	DTPI PROVISIONS	L325	0	0	APRVD	AVC	0	0	0	0	0	0
62		1 60	P-3A/B	C	DTPI PROVISIONS	L708	0	0	MULT CCB	AVC	0	0	0	0	0	0
64		11 60	P-3A/B	C	COUNT ACCELEROM	M 35	0	0	APRVD	AVC	0	0	0	0	0	0
64		11 60	P-3A/B	C	COUNT ACCELEROM	M729	0	0	MULT CCB	AVC	0002	9 62	AVG	0	1	1
64		11 60	P-3A/B	C	COUNT ACCELEROM	M434	0	0	MULT CCB	AVC	0002	9 62	MIN	0	0	0
65		9 60	P-3A/B	C	COUNT ACCELEROM	M434	0	0	MULT CCB	AVC	0002	9 52	MIN	0	0	0
65		9 60	P-3A/B	C	MISC AVIONICS	L122	0	0	APRVD	AVC	0	0	0	0	0	0
65		9 60	P-3A/B	C	MISC AVIONICS	L242	0	0	MULT CCB	AVC	0	0	0	0	0	0
68		10 60	P-3A/B	C	DBSVR CURTAIN	L141	0	0	APRVD	AVC	0	0	0	0	0	0
70		12 60	P-3A	C	INT PH DET & TQ	L417	0	0	APRVD	AVC	0	0	0	0	0	0
71		12 60	P-3A/B	C	FUEL FLOWMETER	L552	0	0	APRVD	AVC	0	0	0	0	0	0
72		4 61	P-3A/B	C	DUAL CFE VDR	L533	0	0	APRVD	AVC	0	0	0	0	0	0
72		4 61	P-3A/B	C	DUAL CFE VDR	M218	0	0	MULT CCB	AVC	0	0	0	0	0	0
72		4 61	P-3A/B	C	DUAL CFE VDR	M729	0	0	MULT CCB	AVC	0	0	0	0	0	0
75		11 60	P-3A/B	C	DESIGN DATA	L170	0	0	APRVD	AVC	0	0	0	0	0	0
76		12 60	P-3A/B	C	HYDROLIC PUMPS	L295	0	0	APRVD	AVC	0	0	0	0	0	0
77		12 60	P-3A/B	C	SAFETY HARNESS	L283	0	0	APRVD	AVC	0	0	0	0	0	0
78		4 61	P-3A/B	C	NAV SYS REV	L609	0	0	APRVD	AVC	0	0	0	0	0	0
78		4 61	P-3A/B	C	NAV SYS REV	M133	0	0	MULT CCB	AVC	0	0	0	0	0	0
79		12 60	P-3A/B	C	AUX HATCHWDSH	L189	0	0	APRVD	AVC	0	0	0	0	0	0
80		1 61	P-3A	C	O PRESS TX CFE	L379	0	0	APRVD	AVC	0	0	0	0	0	0
81		1 61	P-3A/B	C	MISC INST CHGS	L285	0	0	APRVD	AVC	0	0	0	0	0	0
81		1 61	P-3A/B	C	MISC INST CHGS	L752	0	0	MULT CCB	AVC	0	0	0	0	0	0
82		4 61	P-3A/B	C	AVIONIC GF&E CD	L532	0	0	APRVD	AVC	0	0	0	0	0	0
86		2 61	P-3A/B	C	ASA-16 NOM & WT	L346	0	0	APRVD	AVC	0	0	0	0	0	0
86		2 61	P-3A/B	C	ASA-16 NOM & WT	M172	0	0	MULT CCB	AVC	0	0	0	0	0	0
86		2 61	P-3A/B	C	ASA-16 NOM & WT	M729	0	0	MULT CCB	AVC	0	0	0	0	0	0
87		3 61	P-3A/B	C	CADMIUM COATING	L471	0	0	APRVD	AVC	0	0	0	0	0	0
88		3 61	P-3A/B	C	INTEG TORQUEMETER	L417	0	0	APRVD	AVC	0	0	0	0	0	0
89		10 61	P-3A/B	C	AGA-3+4 TO -5	M808	0	0	APRVD	AVC	0	0	0	0	0	0
89		10 61	P-3A/B	C	AGA-3+4 TO -5	N 628	0	0	MULT CCB	AVC	0	0	0	0	0	0
89		10 61	P-3A/B	C	AGA-3+4 TO -5	N566	0	0	MULT CCB	AVC	0	0	0	0	0	0
89		10 61	P-3A/B	C	AGA-3+4 TO -5	O41-186	0	0	MULT CCB	AVC	0	0	0	0	0	0
91		6 62	P-3A/B	C	ASA-13 GF&E LST	L549A	0	0	APRVD	AVC	0	0	0	0	0	0
92		4 61	P-3A/B	C	ASA-10 NOMECLA	L575B	0	0	APRVD	AVC	0	0	0	0	0	0
93		5 61	P-3A/B	C	ASA-20 DR -20A	L641	0	0	APRVD	AVC	0	0	0	0	0	0
93		5 61	P-3A/B	C	ASA-20 DR -20A	M729	0	0	MULT CCB	AVC	0	0	0	0	0	0
94		9 61	P-3A/B	C	MINE LAY CAPABI	M376	0	0	APRVD	AVC	0	0	0	0	0	0
94		9 61	P-3A/B	C	MINE LAY CAPABI	M944	0	0	MULT CCB	AVC	0	0	0	0	0	0
94		9 61	P-3A/B	C	MINE LAY CAPABI	M577	0	0	MULT CCB	AVC	0	0	0	0	0	0
94		9 61	P-3A/B	C	MINE LAY CAPABI	O41-186	0	0	MULT CCB	AVC	0	0	0	0	0	0
96		8 61	P-3A/B	C	F TANK CORR PRO	H386	0	0	APRVD	AVC	0	0	0	0	0	0
97		10 61	P-3A/B	C	ASA-3 TO -3A	M924	0	0	APRVD	AVC	0006	8 63	AVG	0	1	0
97		10 61	P-3A/B	C	ASA-3 TO -3A	N577	0	0	MULT CCB	AVC	0	0	0	0	0	0
98		6 61	P-3A/B	C	ASA-3A DR -4(V)	L672	0	0	APRVD	AVC	0	0	0	0	0	0
98		6 61	P-3A/B	C	ASA-3A DR -4(V)	M385	0	0	MULT CCB	AVC	0	0	0	0	0	0

ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	NUMBER	CHANGE CONTROL BOARD		TECHNICAL DIRECTIVE		IMPACT		
						MONTH YEAR	ACTION	TYPE	NUMBER	MONTH YEAR	SUP TRNG	PUBS
98	61	6	P-3A/B	ASA-3A OR -4(IV)	M729	0	0	MULT CCB	AFC	0	0	0
99	7	61	P-3A/B	AIC-14 TO -15	L792	0	0	APRVD	AFC	0	0	0
99	7	61	P-3A/B	AIC-14 TO -15	M548	0	0	MULT CCB	AFC	0	0	0
99	7	61	P-3A/B	AIC-14 TO -15	M729	0	0	MULT CCB	AFC	0	0	0
101	8	61	P-3A/B	WING RIB REV	M 53	0	0	APRVD	AFC	0	0	0
101	8	61	P-3A/B	WING RIB REV	M729	0	0	MULT CCB	AFC	0	0	0
102	4	61	P-3A/B	APA-144, 1A/1B	L532	0	0	APRVD	AFC	0	0	0
105	7	61	P-3A/B	AERD 15C TO 15D	L790	0	0	APRVD	AFC	0	0	0
105	7	61	P-3A/B	AERD 15C TO 15D	M729	0	0	MULT CCB	AFC	0	0	0
106	7	61	P-3A/B	KY-364/APX PROV	L791	0	0	APRVD	AFC	0	0	0
106	7	61	P-3A/B	KY-364/APX PROV	L791	0	0	MULT CCB	AFC	0	0	0
106	7	61	P-3A/B	KY-364/APX PROV	L791	0	0	MULT CCB	AFC	0	0	0
107	11	61	P-3A/B	N WHEEL & TIRE	M 63	0	0	APRVD	AFC	0	0	0
107	11	61	P-3A/B	N WHEEL & TIRE	M 63	0	0	MULT CCB	AFC	0	0	0
107	11	61	P-3A/B	N WHEEL & TIRE	M 63	0	0	MULT CCB	AFC	0	0	0
107	11	61	P-3A/B	N WHEEL & TIRE	M 63	0	0	MULT CCB	AFC	0	0	0
111	8	61	P-3A/B	SOC MT NOMENCLA	M 16	0	0	APRVD	AFC	0	0	0
111	8	61	P-3A/B	SOC MT NOMENCLA	M729	0	0	MULT CCB	AFC	0	0	0
112	9	61	P-3A/B	STALL WARN SYS	M125	0	0	APRVD	AFC	0	0	0
112	9	61	P-3A/B	STALL WARN SYS	M827S	0	0	MULT CCB	AFC	0	0	0
112	9	61	P-3A/B	STALL WARN SYS	N625	0	0	MULT CCB	AFC	0	0	0
112	9	61	P-3A/B	STALL WARN SYS	N627	0	0	MULT CCB	AFC	0	0	0
114	9	61	P-3A/B	ORD MAN SUPPORT	M125	0	0	APRVD	AFC	0	0	0
114	9	61	P-3A/B	ORD MAN SUPPORT	N627	0	0	MULT CCB	AFC	0	0	0
115	9	61	P-3A/B	KNOB, RUDD TRIM	M125	0	0	APRVD	AFC	0	0	0
115	9	61	P-3A/B	KNOB, RUDD TRIM	N627	0	0	MULT CCB	AFC	0	0	0
116	9	61	P-3A/B	OVHD ASSIST HND	M125	0	0	APRVD	AFC	0	0	0
116	9	61	P-3A/B	OVHD ASSIST HND	N627	0	0	MULT CCB	AFC	0	0	0
117	9	61	P-3A/B	CAPT SEAT CNTL	M125	0	0	APRVD	AFC	0	0	0
117	9	61	P-3A/B	CAPT SEAT CNTL	N627	0	0	MULT CCB	AFC	0	0	0
118	9	61	P-3A/B	HAND RAIL, TACT	M125	0	0	APRVD	AFC	0	0	0
118	9	61	P-3A/B	HAND RAIL, TACT	N627	0	0	MULT CCB	AFC	0	0	0
119	9	61	P-3A/B	HAND RAIL, MELC	M125	0	0	APRVD	AFC	0	0	0
119	9	61	P-3A/B	HAND RAIL, MELC	N627	0	0	MULT CCB	AFC	0	0	0
121	9	61	P-3A/B	HSI CKTS REVISE	M125	0	0	APRVD	AFC	0	0	0
121	9	61	P-3A/B	HSI CKTS REVISE	M320	0	0	MULT CCB	AFC	0	0	0
121	9	61	P-3A/B	HSI CKTS REVISE	N627	0	0	MULT CCB	AFC	0	0	0
123	7	63	P-3A/B	CORROSION PROT	041-370	0	0	APRVD	AFC	0	0	0
123	7	63	P-3A/B	CORROSION PROT	041-370R1	0	0	MULT CCB	AFC	0	0	0
126	9	61	P-3A/B	APA-144 TO ULA-2	M134	0	0	APRVD	AFC	0	0	0
126	9	61	P-3A/B	APA-144 TO ULA-2	N429	0	0	MULT CCB	AFC	0	0	0
129	5	61	P-3A	NACELL FATIGUE	N216	10	64	APRVD	AFC	0	0	0
129	5	61	P-3A	NACELL FATIGUE	M224	10	64	MULT CCB	AFC	0	0	0
130	10	61	P-3A/B	HO-344 TO -334	M232	0	0	APRVD	AFC	0	0	0
133	9	61	P-3A/B	ULA-2 INSTALLED	M134	0	0	APRVD	AFC	0	0	0
134	7	61	P-3A/B	KY-364/APX INST	L791	7	61	APRVD	AFC	0	0	0
134	7	61	P-3A/B	KY-364/APX INST	M729	0	0	MULT CCB	AFC	0	0	0
134	7	61	P-3A/B	KY-364/APX INST	N433	0	0	MULT CCB	AFC	0	0	0
135	12	61	P-3A/B	CHUTE STOWAGE	M332	0	0	APRVD	AFC	0	0	0
136	12	61	P-3A/B	OIL PNL ANGLE	M332	0	0	APRVD	AFC	0	0	0
137	10	61	P-3A/B	IFF CONTROL	M272	0	0	APRVD	AFC	0	0	0

ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	NUMBER	CHANGE CONTROL BOARD			TECHNICAL DIRECTIVE			IMPACT				
						MONTH	YEAR	ACTION	TYPE	NUMBER	MONTH	YEAR	SUP	TRIG	PURB	USE
139		11 61	P-3A/B	MS-28067-1DR-2	M139	0	0	APRVD	AVC		0	MIN	0	1	0	
140		11 61	P-3A/B	A-C H2O SEPARAT	M339	3	63	APRVD	AFC	0004	3	63	AVG	1	1	0
148		11 61	P-3A/B	GUARANTEED WT	M174	0	0	APRVD	AFC		0	0	MIN	0	0	0
150		2 62	P-3A/B	FUEL VENTS	N 32	0	0	APRVD	AFC		0	0	AVG	1	1	0
151		2 62	P-3A/B	CU-631 DELETED	N577	0	0	MULT CCB	AFC		0	0	MIN	0	0	0
151		2 62	P-3A/B	CU-631 DELETED	M486	0	0	APRVD	AVC		0	0	MIN	0	1	0
151		2 62	P-3A/B	CU-631 DELETED	N431	0	0	MULT CCB	AVC		0	0	MIN	0	1	0
161		7 62	P-3A	RDR ALT RELCTD	M827A	0	0	APRVD	AFC	0009	1	64	MIN	1	1	0
161		7 62	P-3A	RDR ALT RELCTD	M827B	0	0	MULT CCB	AFC	0009	1	64	MIN	0	0	0
161		7 62	P-3A	RDR ALT RELCTD	M836A	0	0	MULT CCB	AFC	0009	1	64	MIN	0	0	0
161		7 62	P-3A	RDR ALT RELCTD	N577	0	0	MULT CCB	AFC	0009	1	64	MIN	0	0	0
161		7 62	P-3A	RDR ALT RELCTD	N625	0	0	MULT CCB	AFC	0009	1	64	MIN	0	0	0
161		7 62	P-3A	RDR ALT RELCTD	N626	0	0	MULT CCB	AFC	0009	1	64	MIN	0	0	0
161		7 62	P-3A	RDR ALT RELCTD	N577	0	0	APRVD	AFC	0010	2	64	MIN	0	1	0
167		7 62	P-3A	AFT CAB HNDRAIL	M827A	0	0	MULT CCB	AFC	0010	2	64	MIN	0	0	0
167		7 62	P-3A	AFT CAB HNDRAIL	M827B	0	0	MULT CCB	AFC	0010	2	64	MIN	0	0	0
167		7 62	P-3A	AFT CAB HNDRAIL	M836A	0	0	MULT CCB	AFC	0010	2	64	MIN	0	0	0
167		7 62	P-3A	AFT CAB HNDRAIL	N577	0	0	MULT CCB	AFC	0010	2	64	MIN	0	0	0
167		7 62	P-3A	AFT CAB HNDRAIL	N625	0	0	MULT CCB	AFC	0010	2	64	MIN	0	0	0
167		7 62	P-3A	AFT CAB HNDRAIL	N626	0	0	MULT CCB	AFC	0010	2	64	MIN	0	0	0
168		7 62	P-3A/B	APS-80 ACCESS	M827A	0	0	APRVD	AVC		0	0	MIN	0	1	0
168		7 62	P-3A/B	APS-80 ACCESS	M827B	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
168		7 62	P-3A/B	APS-80 ACCESS	M836A	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
168		7 62	P-3A/B	APS-80 ACCESS	N577	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
168		7 62	P-3A/B	APS-80 ACCESS	N625	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
168		7 62	P-3A/B	APS-80 ACCESS	N626	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
169		7 62	P-3A/B	SOND MAN RELEASE	M827A	0	0	APRVD	AFC	0011	11	62	AVG	0	1	0
169		7 62	P-3A/B	SOND MAN RELEASE	M827B	0	0	MULT CCB	AFC	0011	11	62	MIN	0	0	0
169		7 62	P-3A/B	SOND MAN RELEASE	M836A	0	0	MULT CCB	AFC	0011	11	62	MIN	0	0	0
169		7 62	P-3A/B	SOND MAN RELEASE	N577	0	0	MULT CCB	AFC	0011	11	62	MIN	0	0	0
169		7 62	P-3A/B	SOND MAN RELEASE	N625	0	0	MULT CCB	AFC	0011	11	62	MIN	0	0	0
169		7 62	P-3A/B	SOND MAN RELEASE	N626	0	0	MULT CCB	AFC	0011	11	62	MIN	0	0	0
172		7 62	P-3A/B	PUBS STORAGE	M827A	0	0	APRVD	AFC	0012	5	63	MIN	0	0	0
172		7 62	P-3A/B	PUBS STORAGE	M827B	0	0	MULT CCB	AFC	0012	5	63	MIN	0	0	0
172		7 62	P-3A/B	PUBS STORAGE	M836A	0	0	MULT CCB	AFC	0012	5	63	MIN	0	0	0
172		7 62	P-3A/B	PUBS STORAGE	N577	0	0	MULT CCB	AFC	0012	5	63	MIN	0	0	0
172		7 62	P-3A/B	PUBS STORAGE	N625	0	0	MULT CCB	AFC	0012	5	63	MIN	0	0	0
172		7 62	P-3A/B	PUBS STORAGE	N626	0	0	MULT CCB	AFC	0012	5	63	MIN	0	0	0
173		7 62	P-3A/B	DITCHING BOARD	M836B	0	0	APRVD	AFC		0	0	AVG	1	1	0
173		7 62	P-3A/B	DITCHING BOARD	N577	0	0	MULT CCB	AFC		0	0	MIN	0	0	0
174		7 62	P-3A/B	ROCKET SIGHT MT	M827A	0	0	APRVD	AFC	0013	5	63	AVG	1	1	0
174		7 62	P-3A/B	ROCKET SIGHT MT	M827B	0	0	MULT CCB	AFC	0013	5	63	MIN	0	0	0
174		7 62	P-3A/B	ROCKET SIGHT MT	M836A	0	0	MULT CCB	AFC	0013	5	63	MIN	0	0	0
174		7 62	P-3A/B	ROCKET SIGHT MT	N577	0	0	MULT CCB	AFC	0013	5	63	MIN	0	0	0
174		7 62	P-3A/B	ROCKET SIGHT MT	N625	0	0	MULT CCB	AFC	0013	5	63	MIN	0	0	0
174		7 62	P-3A/B	ROCKET SIGHT MT	N626	0	0	MULT CCB	AFC	0013	5	63	MIN	0	0	0
175		7 52	P-3A/B	LADD ATTACH REV	M827B	0	0	APRVD	AFC		0	0	MIN	0	1	0
175		7 62	P-3A/B	LADD ATTACH REV	N577	0	0	MULT CCB	AFC		0	0	MIN	0	0	0
176		6 62	P-3A/B	WIRING CHG		9	62	APRVD	AFC		0	0	MIN	0	1	0
177		6 63	P-3A/B	WINDSHLD INSTALL	N575	0	0	MULT CCB	AFC	0058	4	65	MIN	0	0	0
177	RI	6 63	P-3A/B	WINDSHLD INSTALL	N575R1	12	63	APRVD	AFC	0058	4	65	AVG	1	1	0
178	RI	7 62	P-3A/B	2 CAB TEMP CNT	N159	0	0	APRVD	AFC		0	0	AVG	1	1	1

ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	NUMBER	CHANGE CONTROL BOARD			TECHNICAL DIRECTIVE			IMPACT		
						MONTH	YEAR	ACTION	TYPE	NUMBER	MONTH	YEAR	SUP	TRNG
182	R1	3 63	P-3A/B	ECH ANT SYS REV M613		0	0	APRVD	AFC	0035	7 64	MIN	0	1 0
184		7 62	P-3A	APS-80 ANT STAB M87A		0	0	APRVD	AVC		0 0	AVG	1 1	0 0
185	R1	3 63	P-3A/B	ECH HF ANT SYS N613		0	0	APRVD	AFC	0035	7 64	AVG	1 1	0 0
186		3 62	P-3A/B	LAUNCHER M648		0	0	APRVD	AAC		0 0	AVG	1 1	0 0
187		12 62	P-3A/B	REFRIGERATION N657		7 63	APRVD	AFC	0038	6 64	MIN	0	1 0	0 0
187		12 62	P-3A/B	REFRIGERATION N657R1		0	0	MULT CCB	AFC	0038	6 64	MIN	0	0 0
187		12 62	P-3A/B	REFRIGERATION 041-785		0	0	MULT CCB	AFC	0038	6 64	MIN	0	0 0
189		8 62	P-3A/B	AUX ENG MT, LWR 041-109		8 63	APRVD	AFC	0045	6 64	AVG	1 1	0 0	0 0
189		8 62	P-3A/B	AUX ENG MT, LHR 041-785		0	0	MULT CCB	AFC	0045	6 64	MIN	0	0 0
190		4 62	P-3A/B	ALT, 3-POINTER M781		0	0	APRVD	AFC	0007	11 52	MIN	0	1 0
191		4 62	P-3A	MS-25317-IDR -3 M658		0	0	APRVD	AFC		0 0	MIN	0	0 0
197	R1	7 62	P-3A/B	FLAP ASSYM DET		0	0	APRVD	AFC		0 0	AVG	0	1 0
198	R1	2 64	P-3A	TURB INLET TEMP 041-648R1		0	0	APRVD	AVC	0191	7 64	MIN	0	1 0
200		10 62	P-3A/B	DOPPLER WIRING N328		0	0	APRVD	AFC	0022	7 63	MIN	1	1 0
204		8 62	P-3A/B	DVHD HATCH LATC N168		0	0	APRVD	AFC	0016	10 63	AVG	0	1 0
204		8 62	P-3A/B	DVHD HATCH LATC N577		0	0	MULT CCB	AFC	0016	10 63	MIN	0	0 0
207		5 62	P-3A/B	ARC-94 NOMECLA M650		0	0	APRVD	AVC		0 0	MIN	0	1 0
208	R1	3 63	P-3A/B	ECH LEMF ANT N613		6 63	APRVD	AFC	0035	7 64	MIN	1	1 0	
209		8 62	P-3A/B	PT-434 EXT WIR N309		0	0	APRVD	AFC	0018	7 63	MIN	1	1 0
211		6 62	P-3A/B	WNG STA TORP M723		0	0	APRVD	AAC		0 0	MIN	1	1 0
211		6 62	P-3A/B	WNG STA TORP N577		0	0	MULT CCB	AAC		0 0	MIN	0	0 0
224		6 62	P-3A	AS-578A DR B M886		0	0	APRVD	AVC		0 0	MIN	0	0 0
224		6 62	P-3A	AS-578A OR B N577		0	0	MULT CCB	AVC		0 0	MIN	0	0 0
225		6 63	P-3A/B	GEAR DIVE BRAKE 041-785		0	0	MULT CCB	AFC	0042	8 64	MIN	0	0 0
225	R1	6 63	P-3A/B	GEAR DIVE BRAKE 041-075		7 63	APRVD	AFC	0042	8 64	AVG	0	1 0	0 0
227		10 62	P-3A/B	ICS & COMM SYS N285		0	0	APRVD	AFC	0020	2 64	AVG	1 1	1 0
238		10 62	P-3A/B	SOND & SUS DISP N303		0	0	APRVD	AFC	0021	9 63	AVG	1 1	0 0
239		11 62	P-3A/B	ADF ANT INSTALL N568		4 63	APRVD	AFC	0031	3 64	MIN	0	1 0	0 0
243		8 62	P-3A/B	EMPENNAGE EDGE N257		0	0	APRVD	AFC		0 0	AVG	0	1 0
246		10 62	P-3A/B	ASN-42 REVISION N356		0	0	APRVD	AFC	0026	12 63	MAX	1 1	1 0
247		1 63	P-3A/B	RELAY SOCK SOUR N474		0	0	APRVD	AFC		0 0	AVG	0	1 0
248		12 62	P-3A/B	EMP THERM SENS N422		0	0	APRVD	AFC		0 0	MIN	0	0 0
249		12 62	P-3A/B	THER DUCT LINK N423		0	0	APRVD	AFC		0 0	MIN	0	0 0
251		10 62	P-3A/B	GEAR CNT VLVE W 041-076		8 63	APRVD	AFC	0044	6 64	MIN	1	1 0	0 0
251		10 62	P-3A/B	GEAR CNT VLVE W 041-785		0	0	MULT CCB	AFC	0044	6 64	MIN	0	0 0
251		10 62	P-3A/B	GEAR CNT VLVE W 051-565		0	0	MULT CCB	AFC	0044	6 64	MIN	0	0 0
252		11 62	P-3A/B	ARC-52 TO -51 571A-63		0	0	APRVD	AVC		0 0	AVG	1 1	0 0
255	R1	9 63	P-3A/B	SOND STOWAGE 041-371		12 63	APRVD	AFC	0055	12 64	MIN	0	1 0	0 0
257		10 62	P-3A/B	SEARCHLIT RELOC N576		5 63	APRVD	AFC	0034	5 64	MIN	0	1 0	0 0
258		8 62	P-3A/B	DELETE ARR-41 N 61		0	0	APRVD	AVC		0 0	MIN	0	0 0
258		8 62	P-3A/B	DELETE ARR-41 N577		0	0	MULT CCB	AVC		0 0	MIN	0	0 0
259		11 62	P-3A/B	CU-733/APS-80 N529		0	0	APRVD	AVC		0 0	MIN	1	1 0
259		11 62	P-3A/B	CU-733/APS-80 061-166		0	0	MULT CCB	AVC		0 0	MIN	0	0 0
262		10 62	P-3A/B	APN-122 TO -153 N300		0	0	APRVD	AVC		0 0	MAX	1 1	1 0
266		11 62	P-3A/B	RD-32 PEN OSCIL 041-095		8 63	APRVD	AFC	0043	8 65	AVG	1	1 0	0 0
266		11 62	P-3A/B	RD-32 PEN OSCIL 051-386		0	0	MULT CCB	AFC	0043	8 65	MIN	0	0 0
279		12 62	P-3A/B	SOND SW STOWAGE N515		3 63	APRVD	AFC	0030	1 64	MIN	0	1 0	0 0
282	R1	7 63	P-3A/B	SOND & USS ACTU 041-006		0	0	APRVD	AFC		0 0	AVG	1	1 0
282	R1	7 63	P-3A/B	SOND & USS ACTU 041-785		0	0	MULT CCB	AFC		0 0	MIN	0	0 0
282	R1	7 63	P-3A/B	SOND & USS ACTU 041-785R1		0	0	MULT CCB	AFC		0 0	MIN	0	0 0
283		12 52	P-3A/B	APS-80 NOMECLA N171		0	0	APRVD	AVC		0 0	MIN	1	1 0



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ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	NUMBER	CHANGE CONTROL BOARD		ACTION	TECHNICAL DEFECTIVE		IMPACT			
						MONTH YEAR	MONTH YEAR		TYPE NUMBER	MONTH YEAR	SUP	TRNG	PUJIS	GSE
284	2	63	P-3A/B	APN-117 TO -141 051-576	041-025	7	53	APRVD	AFC 0036	5	54	MIN	0	
285	1	63	P-3A/B	WINDSHLD ST DISC	N459	0	0	APRVD	AFC 0027	5	63	MIN	0	
287	R1	1	64	P-3A/B	PYROT KIT MODIF	041-751	0	APRVD	AAC 0392	1	65	AVG	0	
289	R1	2	63	P-3A/B	SERCHLITE POD	041-150	9	63	APRVD	AFC 0047	5	54	MIN	0
290	4	63	P-3A/B	ALD-2 TO -28	041-056	7	63	APRVD	AFC 0041	3	66	AVG	1	
290	4	63	P-3A/B	ALD-2 TO -28	051-757	7	63	MULT CCB	AFC 0041	3	66	MIN	0	
291	1	63	P-3A/B	ARN-12 DR -32	N384	0	0	MULT CCB	AVC	0	0	AVG	1	
291	1	63	P-3A/B	ARN-12 DR -32	041-235	0	0	APRVD	AVC	0	0	AVG	1	
295	2	63	P-3A	ASO-10 DR -10A	N366	0	0	APRVD	AVC	0	0	AVG	1	
297	5	63	P-3A/B	OXY REG WIRING	041-039	7	63	APRVD	AFC 0039	5	64	MIN	0	
297	5	63	P-3A/B	OXY REG WIRING	041-785	0	0	MULT CCB	AFC 0039	5	64	MIN	0	
299	5	63	P-3A/B	ARN-52 INST WIR	041-005	7	63	APRVD	AFC 0037	2	64	MIN	1	
302	5	63	P-3A	AIR START WARN	041-055	7	63	APRVD	AFC 0040	9	63	AVG	1	
302	5	63	P-3A	AIR START WARN	041-785	0	0	MULT CCB	AFC 0040	9	63	MIN	0	
303	6	63	P-3A	SPEC AHENED	N412	3	63	APRVD	AFC	0	0	MIN	0	
307	5	63	P-3A/B	AILERON CNTL BR	041-243A	10	63	APRVD	AFC 0050	5	64	MIN	0	
307	5	63	P-3A/B	AILERON CNTL BR	041-243B	0	0	MULT CCB	AFC 0050	5	64	MIN	0	
311	5	64	P-3A/B	LADD SUPPORT	041-840	6	64	APRVD	AFC 0074	3	65	MIN	0	
314	7	63	P-3A/B	AMAC SYS SWITCH	041-222	0	0	APRVD	AAC 0375	9	64	AVG	1	
314	7	63	P-3A/B	AMAC SYS SWITCH	041-222R1	0	0	MULT CCB	AAC 0375	9	64	MIN	0	
315	5	63	P-3A/B	A/P ENGAGE LEVE	N610	0	0	APRVD	AFC 0032	5	63	AVG	0	
316	1	64	P-3A/B	TOILET VENTURI	041-620	3	64	APRVD	AFC 0064	10	64	AVG	0	
318	5	63	P-3A	AERO 6A CABLE	N567	0	0	APRVD	AAC	0	0	MIN	1	
318	5	63	P-3A	AERO 6A CABLE	041-255	0	0	MULT CCB	AAC	0	0	MIN	0	
318	5	63	P-3A	AERO 6A CABLE	041-785	0	0	MULT CCB	AAC	0	0	MIN	0	
319	7	63	P-3A/B	MINE Pylon STUD	041-368	0	0	APRVD	AAC 0378	8	64	MIN	0	
320	R3	6	65	P-3A	HF COMM STNU OP	N0464-0009	0	0	APRVD	AVC	0	0	AVG	0
321	1	64	P-3A/B	APN-117 TO -141 051-576	041-786	6	64	APRVD	AFC 711	8	66	MAX	1	
321	1	64	P-3A/B	APN-117 TO -141 051-576	041-786	0	0	MULT CCB	AFC 711	8	66	MIN	0	
321	1	64	P-3A/B	APN-117 TO -141 051-577	041-786	0	0	MULT CCB	AFC 711	8	66	MIN	0	
321	1	64	P-3A/B	APN-117 TO -141 051-958	041-786	0	0	MULT CCB	AFC 711	8	66	MIN	0	
321	S1	0	0	P-3B	INST PNL SUPPLE	061-633	6	64	APRVD	AFC 7111	11	66	MIN	1
321	S1	0	0	P-3B	INST PNL SUPPLE	061-633R1	0	0	MULT CCB	AFC 7111	11	66	MIN	0
325	8	63	P-3A/B	RDR ALT POINTER	ASC-14 AMI	0	0	APRVD	AFC 0014	1	64	MIN	1	
327	8	63	P-3A/B	HYD PUMP CKT BR	041-282	11	63	APRVD	AFC 0052	5	64	MIN	1	
329	8	63	P-3A/B	PYLON FAIRINGS	041-201A	0	0	APRVD	AAC 0374	6	64	MIN	0	
329	8	63	P-3A/B	PYLON FAIRINGS	041-201B	0	0	MULT CCB	AAC 0374	6	64	MIN	0	
330	7	63	P-3A/B	AFT XFER PUMP	041-283	11	63	APRVD	AFC 0053	6	64	MIN	0	
330	7	63	P-3A/B	AFT XFER PUMP	041-785	0	0	MULT CCB	AFC 0053	6	64	MIN	0	
331	9	63	P-3A/B	ELEV VIS DAMPER	041-490	1	64	APRVD	AFC 0063	6	64	AVG	0	
335	8	63	P-3A/B	WING TRAIL EDGE	041-284	3	65	APRVD	AFC 054A	6	65	AVG	0	
335	8	63	P-3A/B	WING TRAIL EDGE	041-785	0	0	MULT CCB	AFC 054A	6	65	MIN	0	
337	9	63	P-3A/B	ENG EMER CNTL	041-242A	10	63	APRVD	AFC 0049	6	54	AVG	0	
337	9	63	P-3A/B	ENG EMER CNTL	041-242B	0	0	MULT CCB	AFC 0049	6	64	MIN	0	
338	11	63	P-3A	APN-153 RETRO	041-492	1	64	APRVD	AFC 0061	1	66	MAX	1	
339	7	63	P-3A/B	ECM COMPN GFAE	041-022	0	0	APRVD	AVC	0	0	MIN	1	
339	7	63	P-3A/B	ECM COMPN GFAE	041-785	0	0	MULT CCB	AVC	0	0	MIN	0	
339	7	63	P-3A/B	ECM COMPN GFAE	041-785R1	0	0	MULT CCB	AVC	0	0	MIN	0	
340	7	63	P-3A/B	ECM COMPN CFE	041-022	0	0	APRVD	AVC	0	0	MIN	1	
340	7	63	P-3A/B	ECM COMPN CFE	041-785	0	0	MULT CCB	AVC	0	0	MIN	0	
340	7	63	P-3A/B	ECM COMPN CFE	041-785R1	0	0	MULT CCB	AVC	0	0	MIN	0	

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ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	CHANGE CONTROL BOARD			TECHNICAL DIRECTIVE			IMPACT					
					NUMBER	MONTH YEAR	ACTION	TYPE NUMBER	MONTH YEAR	SUP	T'PNG	P'U3S	GSE			
342	10	63	P-3A	FIRE BARRIERS	041-412	12	63	APRVD	AFC	0059	9	64	MIN	0	1	0
344	12	63	P-3A/B	RETRO-LAUNCHER	041-658	4	64	APRVD	AFC	0066	1	65	MIN	0	1	0
345	7	64	P-3B	WINDSHLD TEMP CN	051-314	0	0	APRVD	AFC		0	0	AVG	0	1	1
347	10	63	P-3A/B	BOMB JETTIS SYS	041-367	12	63	APRVD	AFC	0056	5	64	AVG	1	1	0
350	10	63	P-3A	ENG BLEED ELBOW	041-369	0	0	APRVD	AFC	0057	4	64	AVG	0	1	0
352	1	64	P-3A/B	EXT COLOR CHG	041-621	0	0	APRVD	AFC		0	0	MIN	0	1	0
352	1	64	P-3A/B	EXT COLOR CHG	041-621R1	0	0	MULT CCB	AFC		0	0	MIN	0	0	0
352	1	64	P-3A/B	EXT COLOR CHG	041-621R2	0	0	MULT CCB	AFC		0	0	MIN	0	0	0
353	2	64	P-3A/B	EXT PAINT REV	041-621	0	0	APRVD	AFC		0	0	MIN	0	1	0
353	2	64	P-3A/B	EXT PAINT REV	041-621R1	0	0	MULT CCB	AFC		0	0	MIN	0	0	0
353	2	64	P-3A/B	EXT PAINT REV	041-621R2	0	0	MULT CCB	AFC		0	0	MIN	0	0	0
355	12	63	P-3A/B	CAMERA DOR ACTU	041-603	0	0	APRVD	AVC		0	0	AVG	0	1	0
356	11	63	P-3A/B	ARA-25 MCL CHG	041-317A	0	0	APRVD	AVC		0	0	MIN	0	1	0
357	11	63	P-3A/B	CAMERA COMP CFE	041-318	0	0	APRVD	AVC		0	0	AVG	1	1	0
357	11	63	P-3A/B	CAMERA COMP CFE	041-785	0	0	MULT CCB	AVC		0	0	MIN	0	1	0
359	12	63	P-3A/B	C-3110 TO A	041-202A	0	0	APRVD	AVC		0	0	MIN	1	1	0
360	5	64	P-3A/B	CORROSION DMN1B	051-058	7	64	APRVD	AFC	0079	5	65	MIN	0	1	0
360	5	64	P-3A/B	CORROSION DMN1B	051-058R1	0	0	MULT CCB	AFC	0079	5	65	MIN	0	0	0
361	12	63	P-3A/B	ASN-42 MCL CHG	041-317B	0	0	APRVD	AVC		0	0	MIN	0	0	0
363	2	64	P-3A/B	WINDSHLD MET REL	041-649	4	64	APRVD	AFC	0065	5	64	AVG	0	1	0
364	1	64	P-3A/B	MAG TPE & REELS	041-443	0	0	APRVD	AVC		0	0	AVG	0	1	0
366	4	64	P-3A/B	SONO VID CNTL	041-839	6	64	APRVD	AFC	0073	9	65	MIN	0	1	0
366	4	64	P-3A/B	SONO VID CNTL	061-166	0	0	MULT CCB	AFC	0073	9	65	MIN	0	0	0
369	2	64	P-3A/B	AILERON SKIN &	041-731	5	64	APRVD	AVC		0	0	AVG	1	1	0
370	5	64	P-3A/B	PHOTO INSTAL 1B	041-318R1	0	0	APRVD	AVC		0	0	MIN	0	0	0
370	5	64	P-3A/B	PHOTO INSTAL 1B	041-785	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
371	7	64	P-3A/B	APQ-107 RAW	051-577	6	64	MULT CCB	AFC	71PI	9	66	MIN	0	0	0
371	7	64	P-3A/B	APQ-107 RAW	051-418	6	64	MULT CCB	AFC	71PI	9	66	MAX	1	1	0
375	4	64	P-3A/B	AERO 6A CABLE	041-801	0	0	APRVD	AAC	0394	9	64	AVG	1	1	0
375	4	64	P-3A/B	AERO 6A CABLE	041-801R1	0	0	MULT CCB	AAC	0394	9	64	MIN	0	0	0
376	7	64	P-3A/B	WNG STRUCTURE	051-470	10	65	APRVD	AFC	0090	10	65	MIN	0	1	0
377	3	64	P-3A/B	INTEGRAL START	041-659	0	0	APRVD	AFC	0110	6	66	AVG	1	1	1
377	3	64	P-3A/B	INTEGRAL START	051-1110	0	0	MULT CCB	AFC	0110	6	66	MIN	0	0	0
377	3	64	P-3A/B	INTEGRAL START	061-442	6	65	MULT CCB	AFC	0110	6	66	MIN	0	0	0
377	3	64	P-3A/B	INTEGRAL START	061-554	0	0	MULT CCB	AFC	0110	6	66	MIN	0	0	0
377	5	64	P-3A/B	INTEGRAL START	041-811B	0	0	MULT CCB	AFC	0110	6	66	MIN	0	0	0
377	1	66	P-3A/B	GALLEY DVEN REP	061-741R2	0	0	MULT CCB	AFC	0137	11	66	MIN	0	0	0
378	3	64	P-3A/B	ASA-20B MCL CHG	041-579	0	0	APRVD	AVC		0	0	MIN	0	0	0
379	3	64	P-3A	ARC-51 MCL CHG	041-588	0	0	APRVD	AVC		0	0	MIN	0	0	0
379	3	64	P-3A	ARC-51 MCL CHG	041-588R1	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
381	12	64	P-3A/B	PS FOR INS	051-580	1	65	APRVD	AFC	0091	6	65	MIN	1	1	0
381	12	64	P-3A/B	PS FOR INS	061-035	9	64	APRVD	AVC	0272	6	65	MIN	1	1	0
381	12	64	P-3A/B	PS FOR INS	061-598	0	0	MULT CCB	AVC	0272	6	65	MIN	0	0	0
382	7	64	P-3A/B	SEARCH STORES	051-155	8	64	APRVD	AFC	0081	7	65	MIN	1	1	0
382	7	64	P-3A/B	SEARCH STORES	061-166	0	0	MULT CCB	AFC	0081	7	65	MIN	0	0	0
383	7	64	P-3A/B	FRIDGE REVISION	051-274	0	0	APRVD	AAC	0066	3	65	MIN	0	1	0
383	7	64	P-3A/B	FRIDGE REVISION	061-166	0	0	MULT CCB	AAC	0066	3	65	MIN	0	0	0
384	7	64	P-3A/B	SONO LOAD SWITCH	051-181	0	0	APRVD	AFC		0	0	MIN	0	1	0
384	7	64	P-3A/B	SONO LOAD SWITCH	051-181P1	0	0	MULT CCB	AFC		0	0	MIN	0	0	0
384	7	64	P-3A/B	SONO LOAD SWITCH	061-166	0	0	MULT CCB	AFC		0	0	MIN	0	0	0
386	5	64	P-3A/B	BRUSHLESS GEN	041-811A	0	0	APRVD	AFC		0	0	AVG	1	1	1

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					NUMBER	MONTH YEAR	ACTION	TYPE NUMBER	MONTH YEAR	SUP TRNG	PURS GSE				
387		7 64	P-38	FUEL FLOW PS	051-154	0	0	APRVD	AFC	0	0	MIN	1	0	
387		7 64	P-38	FUEL FLOW PS	051-154R1	0	0	MULT CCB	AFC	0	0	MIN	0	0	
387		7 64	P-38	FUEL FLOW PS	051-896	0	0	MULT CCB	AFC	0	0	MIN	0	0	
392		6 64	P-3A/B	RDR WAVEGUID SW	041-816	0	0	APRVD	AVC	0	0	MIN	0	0	
392		6 64	P-3A/B	RDR WAVEGUID SW	061-166	0	0	MULT CCB	AVC	0	0	MIN	0	0	
395		6 64	P-3A/B	ID-633A-B /U	041-794C	0	0	APRVD	AFC	0	0	MIN	0	0	
395		6 64	P-3A/B	ID-633A-B /U	051-203	0	0	MULT CCB	AFC	0	0	MIN	0	0	
395	A	9 65	P-38	ID-633B-C /U	061-3A8	0	0	APRVD	AFC	0	0	MIN	0	0	
395	A	9 65	P-38	ID-633B-C /U	061-166	0	0	MULT CCB	AFC	0	0	MIN	0	0	
396	R2	12 64	P-3A/B	APX-6 TO APX-64	051-832R1	0	0	APRVD	AVC	0	0	MAX	1	0	
396	R2	12 64	P-3A/B	APX-6 TO APX-64	051-142	0	0	MULT CCB	AVC	0	0	MIN	0	0	
397		10 64	P-38	TEMP CNTL SYS	051-471	0	0	APRVD	AFC	0	0	MIN	0	0	
398		10 64	P-38	BLEED AIR VALVE	051-372	0	0	APRVD	AFC	0	0	MIN	0	0	
399		9 64	P-3A	SOND RETRO INST	051-782	3	65	APRVD	AVC	099A	4	66	MAX	1	0
399		9 64	P-3A	SOND RETRO INST	051-782R2	0	0	MULT CCB	AVC	099A	4	65	MIN	0	0
401		9 64	P-3A/B	TACH GEN TO CFE	051-329	11	64	APRVD	AFC	0085	8	65	MIN	0	0
401		9 64	P-3A/B	TACH GEN TO CFE	051-329R1	0	0	MULT CCB	AFC	0085	8	65	MIN	0	0
402		9 64	P-3A/B	TACAN ELECT SYS	051-315	8	65	APRVD	AFC	0084	8	65	AVG	1	0
403	R1	3 65	P-3A/B	CU-351 TO 490T1	061-079	9	64	APRVD	AFC	0082	7	66	MAX	1	0
403	S1	6 65	GSE	GSE SUPPLEMENT	061-079	0	0	APRVD	AFC	0082	7	66	MIN	1	0
404		8 64	P-3A/B	NAV 8DHI TACAN	051-184	0	0	APRVD	AVC	0	0	MIN	1	0	
404		8 64	P-3A/B	NAV 8DHI TACAN	061-166	0	0	MULT CCB	AVC	0	0	MIN	0	0	
405		1 65	P-3A/B	FLAP CNTL MECH	051-782	3	65	APRVD	AFC	0100	11	65	AVG	0	0
405		1 65	P-3A/B	FLAP CNTL MECH	051-782R1	0	0	MULT CCB	AFC	0100	11	65	MIN	0	0
406		4 64	P-3A/B	TACH GEN TO GFE	051-666	0	0	APRVD	AFC	0	0	MIN	0	0	
406		4 64	P-3A/B	TACH GEN TO GFE	051-579	0	0	MULT CCB	AFC	0	0	MIN	0	0	
407		5 64	P-3A/B	DTPI TO GFAC	051-573	0	0	APRVD	AVC	0	0	MIN	0	0	
407	R1	0 0	P-3A/B	CHG IN LUBE OIL	051-575	0	0	APRVD	AFC	0	0	MIN	0	0	
409	R1	0 0	P-3A/B	CHG IN LUBE OIL	051-238	0	0	MULT CCB	AFC	0	0	MIN	0	0	
411		11 64	P-3A/B	LGNG PROTECTIO	051-582	1	65	APRVD	AFC	0092	8	65	MIN	0	0
413	R1	7 65	P-3A/B	EXT AC PWR RCAT	061-344	10	65	APRVD	AFC	0120	3	67	AVG	1	0
413	R1	7 65	P-3A/B	EXT AC PWR RCAT	061-344R1	0	0	MULT CCB	AFC	0120	3	67	MIN	0	0
413	R1	7 65	P-3A/B	EXT AC PWR RCAT	061-1019	0	0	MULT CCB	AFC	0120	3	67	MIN	0	0
416		11 64	P-3A/B	MAIN BRAKE INSU	051-447	12	64	APRVD	AFC	0088	7	65	MIN	0	0
420		3 65	P-3A/B	APN-153 NOMEN	051-273R1	0	0	APRVD	AVC	0	0	MIN	0	0	
421		1 65	P-3A	MAD STAT DISCHG	FVAE131178	0	0	APRVD	AFC	0062	2	66	AVG	0	0
422		11 64	P-38	NAV TR AIR GFAC	051-164	0	0	APRVD	AVC	0	0	MIN	0	0	
423		12 64	P-3A/B	INTERVALDMETR	051-667	3	65	APRVD	AFC	0095	10	65	AVG	1	0
425		1 65	P-3A/B	F-943 APX-7 FIL	051-581	1	65	APRVD	AFC	0093	1	66	AVG	1	0
425		1 65	P-3A/B	F-943 APX-7 FIL	051-581R1	0	0	MULT CCB	AFC	0093	1	66	MIN	0	0
426		11 64	P-38	H PRES IND MCL	051-180	0	0	APRVD	AFC	0093	1	66	MIN	0	0
427		11 64	P-38	SEXT MT MCL CHG	051-180	0	0	APRVD	AVC	0	0	MIN	0	0	
428		11 64	P-38	ARR-101 TO 8522	051-259	3	58	APRVD	AFC	0179	0	0	MIN	1	0
431		9 64	P-38	ARR-52 TO -52A	051-782	0	0	APRVD	AVC	0	0	MIN	0	0	
431		9 64	P-38	ARR-52 TO -52A	051-782R2	0	0	MULT CCB	AVC	0	0	MIN	0	0	
431		9 64	P-38	ARR-52 TO -52A	051-183	0	0	MULT CCB	AVC	0	0	MIN	0	0	
432		11 64	P-38	T & S IND	051-275R1	0	0	APRVD	AFC	0	0	MIN	0	0	
434	R1	6 65	P-38	SPECIAL STORES	061-064	0	0	APRVD	AAC	0	0	MIN	0	0	
435		3 65	P-3A/B	MK-44 UMBIL ADP	051-919	5	65	APRVD	AFC	0104	4	66	MIN	0	0
435		3 65	P-3A/B	MK-44 UMBIL ADP	061-1019	0	0	MULT CCB	AFC	0104	4	66	MIN	0	0
436		2 65	P-38	ARM STA SEL CFE		0	0	APRVD	AAC	0	0	MIN	0	0	

ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	LOCKHEED REV.	MONTH	YEAR	A/C TYPE	SYSTEM DESCRIPTION	CHANGE CONTROL BOARD			TECHNICAL DIRECTIVE			IMPACT								
						NUMBER	MONTH	YEAR	ACTION	TYPE	NUMBER	MONTH	YEAR	SUP TRNG	PUBS	GSE				
438	9	65	P-3B	OIL PRES TX MCL																
439	5	65	P-3A/B	EMI CORRECTIONS	061-004	7	65	APRVD	AFC	0112	7	65	APR	1	1	0				
439	5	65	P-3A/B	EMI CORRECTIONS	061-1019	0	0	MULT CCB	AFC	0112	7	65	APR	1	1	0				
440	3	65	P-3A/B	LP FUEL FIL SW	051-803	4	65	APRVD	AFC	0101	10	65	APR	1	1	0				
440	3	65	P-3A/B	LP JUEL FIL SW	051-803R1	0	0	MULT CCB	AFC	0101	10	65	APR	1	1	0				
440	3	65	P-3A/B	LP JUEL FIL SW	051-803R2	0	0	MULT CCB	AFC	0101	10	65	APR	1	1	0				
440	3	65	P-3A/B	LP JUEL FIL SW	061-1019	0	0	MULT CCB	AFC	0101	10	65	APR	1	1	0				
441	4	65	P-3A/B	CANRA SW WIRING	051-957	5	65	APRVD	AFC	0105	3	66	MIN	0	1	0				
441	4	65	P-3A/B	CANRA SW WIRING	061-1019	0	0	MULT CCB	AFC	0105	3	66	MIN	0	1	0				
442	4	65	P-3A/B	TAPE REC J-BOX	051-897	5	65	APRVD	AFC	0103	10	65	APR	1	1	0				
442	4	65	P-3A/B	TAPE REC J-BOX	061-1019	0	0	MULT CCB	AFC	0103	10	65	APR	1	1	0				
443	4	65	P-3A/B	UTIL LIGHT ALT	051-1002	6	65	APRVD	AFC	0107	2	66	MIN	0	1	0				
443	4	65	P-3A/B	UTIL LIGHT ALT	051-1002R1	0	0	MULT CCB	AFC	0107	2	66	MIN	0	1	0				
443	4	65	P-3A/B	UTIL LIGHT ALT	061-1019	0	0	MULT CCB	AFC	0107	2	66	MIN	0	1	0				
444	4	65	P-3A/B	ENG COOL DUCT	051-1003	6	65	APRVD	AFC	0106	4	66	MIN	0	1	0				
444	4	65	P-3A/B	ENG COOL DUCT	061-1019	0	0	MULT CCB	AFC	0106	4	66	MIN	0	1	0				
446	5	65	P-3B	CNTL HYDR BOOST	NM66-0039	0	0	APRVD	AFC	0100	0	0	MIN	0	1	0				
447	3	65	P-3A/B	ARC-51A CNT MCL	051-677	0	0	APRVD	AFC	0115	6	66	MIN	1	1	0				
449	4	65	P-3A/B	PROP AUX PUMP	061-222	9	65	APRVD	AFC	0115	6	66	MIN	1	1	0				
449	4	65	P-3A/B	PROP AUX PUMP	061-1019	0	0	MULT CCB	AFC	0115	6	66	MIN	1	1	0				
451	6	65	P-3A	AQH-1 1A4A3 MOD	061-262	0	0	APRVD	AFC	0446	3	66	AVG	1	1	1				
451	6	65	P-3A	AQH-1 1A4A3 MOD	061-1019	0	0	MULT CCB	AFC	0446	3	66	MIN	0	1	0				
453	7	65	P-3A/B	FLT CNTL BOOST	061-224	9	65	APRVD	AFC	0116	5	66	AVG	1	1	1				
453	7	65	P-3A/B	FLT CNTL BOOST	061-1019	0	0	MULT CCB	AFC	0116	5	66	MIN	0	1	0				
458	11	65	P-3A/B	KW-7 SECU UNIT	061-661	2	66	APRVD	AFC	134A	3	67	AVG	1	1	0				
458	4	66	P-3A/B	KW-7 SECU UNIT	061-1160	6	66	MULT CCB	AFC	134A	3	67	MIN	0	1	0				
460	8	65	P-3B	INT START SYS	061-330	10	65	APRVD	AFC	0118	0	0	MIN	0	1	0				
465	8	65	P-3A/B	GEAR SFTY PINS	061-328	10	65	APRVD	AFC	0118	7	66	MIN	1	1	0				
465	8	65	P-3A/B	GEAR SFTY PINS	061-1019	0	0	MULT CCB	AFC	0118	7	66	MIN	0	1	0				
466	9	65	P-3A/B	OMNIB STRUCTURA	061-472	1	65	APRVD	AFC	0129	8	67	AVG	0	1	0				
466	9	65	P-3A/B	OMNIB STRUCTURA	061-1019	0	0	MULT CCB	AFC	0129	8	67	MIN	0	1	0				
467	7	66	P-3A/B	APX-64 TD -72	071-262	10	66	APRVD	AFC	0153	10	66	MAX	1	1	0				
467	7	66	P-3A/B	APX-64 TD -72	071-262R1	8	67	MULT CCB	AFC	0153	10	66	MIN	0	1	0				
467	7	66	P-3A/B	APX-64 TD -72	071-262R2	3	68	MULT CCB	AFC	0153	10	66	MIN	0	1	0				
468	6	66	P-3A/B	WNG CORR PROTECT	071-109	8	66	APRVD	AFC	0123	7	67	MIN	0	1	0				
468	6	66	P-3A/B	WNG CORR PROTECT	061-386	10	65	MULT CCB	AFC	0123	7	67	MIN	0	1	0				
469	7	65	P-3A/B	GEN SYS REV	061-088	7	65	APRVD	AFC	0114	10	65	MIN	1	0	0				
469	7	65	P-3A/B	GEN SYS REV	061-088R1	9	65	MULT CCB	AFC	0114	10	65	MIN	0	1	0				
469	7	65	P-3A/B	GEN SYS REV	061-1019	0	0	MULT CCB	AFC	0114	10	65	MIN	0	1	0				
469	7	65	P-3A/B	GEN SYS REV	061-919	4	66	MULT CCB	AFC	0114	10	65	MIN	0	1	0				
472	9	65	P-3A/B	MAN HOIST DELTD	061-387	10	65	APRVD	AFC	0124	10	66	MIN	1	1	1				
472	9	65	P-3A/B	MAN HOIST DELTD	061-1019	0	0	MULT CCB	AFC	0124	10	66	MIN	0	1	0				
473	3	66	P-3A/B	HF ANT SYS REV	061-996	4	66	APRVD	AFC	0143	7	67	AVG	0	1	1				
473	3	66	P-3A/B	HF ANT SYS REV	061-996R1	0	0	MULT CCB	AFC	0143	7	67	MIN	0	1	0				
474	9	65	P-3A/B	EMER OP OF ISS	061-327	6	65	APRVD	AFC	0122	5	66	MIN	1	1	0				
474	9	65	P-3A/B	EMER OP OF ISS	061-1019	0	0	MULT CCB	AFC	0122	5	66	MIN	0	1	0				
474	10	65	P-3A/B	EMER OP OF ISS	061-560	0	0	MULT CCB	AFC	0122	5	66	MIN	0	1	0				
475	11	65	P-3B	TORQUEMETER IND	061-800	3	66	APRVD	AFC	0137	11	66	AVG	1	1	0				
477	1	66	P-3A/B	GALLEY OVEN REP	061-741	2	66	APRVD	AFC	0137	11	66	AVG	1	1	0				
477	1	66	P-3A/B	GALLEY OVEN REP	061-741R1	0	0	MULT CCB	AFC	0137	11	66	MIN	0	1	0				
478	9	65	P-3B	ARC-13 TDARN-83	061-459	0	0	APRVD	AFC	0137	11	66	AVG	1	1	1				

ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	NUMBER	CHANGE CONTROL BOARD		TECHNICAL DIRECTIVE		IMPACT					
						MONTH YEAR	ACTION	TYPE	NUMBER		MONTH YEAR	SUP TONG SUBS			
478		9 65	P-3B	A-D-13 TOARN-83	061-459R1	0	0	MULT CCB	AVC	0128	11	66	MIN	1	0
479		9 65	P-3A/B	ARC-94 WIRING	061-460	11	65	APRVD	AVC	0128	11	66	MIN	1	0
479		9 65	P-3A/B	ARC-94 WIRING	066-027	0	0	MULT CCB	AVC	0128	11	66	MIN	0	0
479		9 65	P-3A/B	ARC-94 WIRING	061-1019	0	0	MULT CCB	AVC	0128	11	66	MIN	0	0
480		3 66	P-3B	PP-2192/APA-125	061-050R1	0	0	APRVD	AVC		0	0	MIN	0	0
480		3 66	P-3B	PP-2192/APA-125	061-1019	0	0	MULT CCB	AVC		0	0	MIN	0	0
480		3 66	P-3B	PP-2192/APA-125	071-176	0	0	MULT CCB	AVC		0	0	MIN	0	0
481	R1	3 66	P-3A/B	ARMAMENT PROVIS	061-948	4	66	APRVD	AVC	0142	8	68	AVG	1	1
481	R1	3 66	P-3A/B	ARMAMENT PROVIS	061-948R1	0	0	MULT CCB	AVC	0142	8	68	MIN	0	0
482		9 65	P-3A/B	PROP MECH CNTL	061-562	10	65	APRVD	AVC	0131	10	66	AVG	1	1
482	S1	10 65	P-3A/B	PROP MECH CNTL	061-562	0	0	APRVD	AVC	0131	10	66	AVG	1	1
483		12 65	P-3A/B	ELEV TRIM TABS	061-708	1	66	APRVD	AVC	0136	11	66	MIN	0	1
484		10 65	P-3A/B	QEC GEN WIRING	061-510	0	0	MULT CCB	AVC	0130	5	66	MIN	0	0
484		10 65	P-3A/B	QEC GEN WIRING	061-1019	0	0	MULT CCB	AVC	0130	5	66	MIN	0	0
485		4 66	P-3A/B	LAU-21A SUS LAU	061-1106	5	66	APRVD	AVC	0146	3	68	AVG	1	1
485		5 66	P-3A/B	LAU-21A SUS LAU	061-1106R1	11	67	MULT CCB	AVC	0146	3	68	MIN	0	0
485		5 66	P-3A/B	LAU-21A SUS LAU	071-090	7	66	APRVD	AVC	0456	0	0	MIN	1	1
485		0 0	P-3A/B	LAU-21A SUS LAU	081-225	0	0	MULT CCB	AVC	0456	0	0	MIN	0	0
485		0 0	P-3A/B	LAU-21A SUS LAU	071-608	0	0	MULT CCB	AVC	0456	0	0	MIN	0	0
486		11 65	P-3A/B	TACT CREW LIGHT	061-659	1	66	APRVD	AVC	0133	11	66	MIN	0	1
487		10 65	P-3A/B	DAY BOTTLE COVR	061-618	12	65	APRVD	AVC	0132	11	66	MIN	0	1
489		12 65	P-3A/B	AERO IA ADAPTER	061-730	2	66	APRVD	AVC		0	0	AVG	0	1
491		10 65	P-3A/B	GTCP 95-2 REV	061-617	12	65	APRVD	AVC	0117	5	66	MIN	0	1
491		10 65	P-3A/B	GTCP 95-2 REV	061-1019	0	0	MULT CCB	AVC	0117	5	66	MIN	0	0
494		1 66	P-3B	GROSS WT INCR	061-799	3	68	APRVD	AVC	0181	0	0	AVG	1	1
494	S1	2 66	P-3A/B	GROSS WT INCR	091-441	2	69	APRVD	AVC	0188	3	70	AVG	1	1
495		11 65	P-3A/B	ECM ANT REVISED	061-660	1	66	APRVD	AVC	0502	5	66	AVG	1	1
496		11 65	P-3A/B	APU DOOR ACTUAT	061-709	0	0	APRVD	AVC	0110	6	67	AVG	1	1
496	A	3 67	P-3A/B	APU DOOR ACTUAT	071-784	0	0	APRVD	AVC	0164	10	67	AVG	1	1
499		12 65	P-3A/B	BULLPUP INSTALL	061-658	3	66	APRVD	AVC	0117	5	67	AVG	1	1
499		12 65	P-3A/B	BULLPUP INSTALL	061-1078	0	0	MULT CCB	AVC	0117	5	67	MIN	0	0
500		2 66	P-3A/B	GSCP PLACARDS	061-883	6	66	APRVD	AVC	0140	10	66	MIN	1	1
501		2 66	P-3A/B	MOD APS-80A (V)	061-892	6	66	APRVD	AVC	0139	5	67	AVG	1	1
502		3 66	P-3A/B	STARTER INLET D	061-1066	0	0	APRVD	AVC	0168	3	68	AVG	1	1
502		3 66	P-3A/B	STARTER INLET D	071-961	6	67	MULT CCB	AVC	0168	3	68	MIN	0	0
505		3 66	P-3A/B	ASQ-10 COMP CNT	061-1018	6	66	APRVD	AVC	1444	9	67	AVG	0	1
507		4 66	P-3B	ENTRY GUIDE RDP	061-1065	6	66	APRVD	AVC	0145	0	0	MIN	0	0
508		4 66	P-3A/B	WING TR INTRCOS	061-1129	6	66	APRVD	AVC	0147	4	67	MIN	0	1
509	R1	12 66	P-3A/B	F OTY HYDRO GAG	071-718	3	67	APRVD	AVC	0162	5	68	AVG	1	1
510		3 67	P-3A/B	ELECT OMNIB CHG	071-885	5	67	APRVD	AVC	0165	11	68	AVG	1	1
512	A	8 66	P-3B	MINE PYLONS	071-462	0	0	APRVD	AVC		0	0	AVG	1	1
512	A	8 66	P-3B	MINE PYLONS	071-717	0	0	MULT CCB	AVC		0	0	MIN	0	0
512	A	8 66	P-3B	MINE PYLONS	061-959	0	0	MULT CCB	AVC		0	0	MIN	0	0
513		4 66	P-3A/B	HEAD INSTAL REV	061-1161	1	68	APRVD	AVC	0148	4	69	AVG	1	1
513		4 66	P-3A/B	HEAD INSTAL REV	061-1161R1	0	0	MULT CCB	AVC	0148	4	69	MIN	0	0
513		4 66	P-3A/B	HEAD INSTAL REV	061-1161R2	0	0	MULT CCB	AVC	0148	4	69	MIN	0	0
513		4 66	P-3A/B	HEAD INSTAL REV	061-434	0	0	MULT CCB	AVC	0148	4	69	MIN	0	0
514		5 66	P-3A/B	ARR-31 RAMP THER	071-063	7	66	APRVD	AVC	0148	4	69	MIN	0	0
515	R2	12 66	P-3A/B	APU F PUMP DEL	071-590	5	67	APRVD	AVC	0159	6	67	AVG	1	1
515	R2	12 66	P-3A/B	APU F PUMP DEL	081-434	0	0	MULT CCB	AVC	0159	6	67	MIN	0	0
516		6 66	P-3A/B	ANADAX--RUSTRAK	071-091	0	0	APRVD	AVC	0163	3	67	MIN	0	0

ENGINEERING CHANGE PROPOSAL (ECP)

ECP		LOCKHEED		SYSTEM		CHANGE CONTROL BOARD		TECHNICAL DIRECTIVE		IMPACT								
NO.	REV.	MONTH	YEAR	A/C	TYPE	DESCRIPTION	NUMBER	MONTH	YEAR	ACTION	TYPE	NUMBER	MONTH	YEAR	SUP	TONG	PUBS	GSE
518	R1	11	66	P-3A/B		PHOTO CAR EJECT	071-609R1	12	67	APRVD	AFC	0160	0	0	AVG	1	1	0
519		6	66	P-3A/B		AC BUS CB GUARD	071-028	7	66	APRVD	AFC	0150	3	67	MIN	1	1	0
521		6	66	P-3A/B		RAMS WIRING REV	071-205	9	66	APRVD	AFC	0151	11	67	MIN	1	1	0
521		6	66	P-3A/B		RAMS WIRING REV	051-418	0	0	MULT CCB	AFC	0151	11	67	MIN	0	0	0
521		6	66	P-3A/B		RAMS WIRING REV	711-180	0	0	MULT CCB	AFC	0151	11	67	MIN	0	0	0
523		7	66	P-3A/B		BATTERY SUMP JAR	071-278	10	66	APRVD	AFC	0154	4	68	MIN	1	1	0
523		7	66	P-3A/B		BATTERY SUMP JAR	071-738	3	67	MULT CCB	AFC	0154	4	68	MIN	0	0	0
524		8	66	P-3A/B		FL LMT VENT DUC	071-222	9	66	APRVD	AFC	0152	12	66	MIN	1	1	0
524		8	66	P-3A/B		FL LMT VENT DUC	081-434	0	0	MULT CCB	AFC	0152	12	66	MIN	0	0	0
526		7	66	P-3B		R BCN LGT ASSY	071-308	10	66	APRVD	AFC		0	0	MIN	1	1	0
528		10	66	P-3B		AL NOSE WHEEL	071-400	11	66	APRVD	AFC		0	0	MIN	0	0	0
529		7	66	P-3B		OIL PRESS IND	061-220	0	0	APRVD	AFC		0	0	MIN	0	1	0
530		12	66	P-3A/B		ELEC SYS REV	071-618	2	67	APRVD	AFC	0161	11	68	MIN	1	1	0
530		12	66	P-3A/B		ELEC SYS REV	071-618R1	0	0	MULT CCB	AFC	0161	11	68	MIN	0	0	0
533		10	66	P-3A/B		RT-2611APX-7 W	071-448	12	66	APRVD	AFC	0157	12	57	MIN	1	1	0
534		6	67	P-3A/B/C		AIR CNTL ROD R	081-222	9	67	APRVD	AFC	0174	3	68	AVG	1	1	0
536		1	67	P-3B		DELETE BULLPUP	071-671	6	67	APRVD	AAC		0	0	MIN	0	1	0
537		5	67	P-3A/B		GEN ARMAMENT	071-1031	6	67	APRVD	AFC	0169	0	0	MIN	1	1	1
537		5	67	P-3A/B		GEN ARMAMENT	071-1031R1	10	68	MULT CCB	AFC	0169	0	0	MIN	0	0	0
538		5	67	P-3A/B		OMNIBUS MECH	081-013	7	67	APRVD	AFC	0171	9	68	AVG	1	1	1
538		5	67	P-3A/B		OMNIBUS MECH	081-013R1	10	67	APRVD	AFC	0173	0	0	AVG	1	1	1
539	R1	9	68	P-3A/B		S WINDOW DEFOG	081-247	0	0	MULT CCB	AFC	0200	2	72	MIN	0	0	0
539	R2	6	69	P-3A/B		S WINDOW DEFOG	701-247	10	69	APRVD	AFC	0200	2	72	AVG	1	1	1
545		12	67	P-3B/C		A/P AIR DATA SE	081-464	12	67	APRVD	AVC		0	0	MIN	0	1	1
545		12	67	P-3B/C		A/P AIR DATA SE	072-092	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
546		4	67	P-3A/B		TORP CONN RETRV	711-926	6	67	APRVD	AFC	0166	1	68	MIN	0	1	0
548		2	67	P-3B		ASQ-10 AMP NCL	071-515	0	0	APRVD	AVC		0	0	MIN	0	0	0
553	R1	2	69	P-3C		EXT FINISH	091-631	0	0	APRVD	AFC		0	0	MIN	0	1	0
555		8	67	P-3A/B/C		MACELLE SHROUD	081-463	12	67	APRVD	AFC	0177	7	69	AVG	1	1	1
555		8	67	P-3A/B/C		MACELLE SHROUD	081-463R1	0	0	MULT CCB	AFC	0177	7	69	MIN	0	0	0
556		9	67	P-3A/B		JULIET-28 SYS	081-462	12	67	APRVD	AFC	0176	8	71	AVG	0	1	0
556		9	67	P-3A/B		JULIET-28 SYS	081-462R1	2	68	MULT CCB	AFC	0176	8	71	AVG	0	1	0
559		8	68	P-3C		HF UHF REVIS	091-357	12	68	APRVD	AVC		0	0	MAX	1	1	1
559		8	68	P-3C		HF UHF REVIS	091-357R1	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
560		10	67	P-3A/B/C		WATER SEP DRAIN	081-510	1	69	APRVD	AFC	0178	10	69	AVG	1	1	0
560		10	67	P-3A/B/C		WATER SEP DRAIN	081-510R1	2	69	MULT CCB	AFC	0178	10	69	MIN	0	0	0
562		10	67	P-3C		APS-115 CHANGES	081-496	12	67	APRVD	AVC		0	0	AVG	0	1	0
566		3	68	P-3A/B		AAU-21 GFAE	701-175	0	0	APRVD	AFC	0197	12	71	AVG	0	1	0
566	R1	0	0	P-3A/B		AAU-21 GFAE	701-175	0	0	MULT CCB	AFC	0197	12	71	MIN	0	0	0
566	R2	0	0	P-3A/B		AAU-21 GFAE	721-030	9	69	APRVD	AFC	0197	12	71	AVG	0	1	0
567		3	68	P-3B/C		WING TRACK SEAL	081-843	5	68	APRVD	AFC	0197	12	71	MIN	0	1	0
567		3	68	P-3B/C		WING TRACK SEAL	081-843R1	0	0	MULT CCB	AFC	0197	12	71	MIN	0	0	0
569	R1	7	68	P-3C		DUAL AFCS CFE	091-120	8	68	APRVD	AVC		0	0	MAX	1	1	1
569	R1	7	68	P-3C		DUAL AFCS CFE	091-120R1	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
569	R1	7	68	P-3C		DUAL AFCS CFE	091-120R2	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
569	R1	7	68	P-3C		DUAL AFCS CFE	091-120R3	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
569	R1	7	68	P-3C		DUAL AFCS CFE	701-497	0	0	MULT CCB	AVC		0	0	MIN	0	0	0
570	R2	2	71	P-3A/B/C		ENG ST CNT LGT	711-727	5	71	APRVD	AFC	0255	0	0	AVG	1	1	0
571	S1	7	68	P-3A/B		DIFAR RETRO	091-271	10	68	APRVD	AFC	0186	3	71	MAX	1	1	1
571	S1	9	68	P-3A/B		DIFAR RETRO	091-271	10	68	APRVD	AFC	0186	3	71	MAX	1	1	1
572		3	69	P-3C		ASQ-81 MAD SYS	701-012	7	69	APRVD	AVC		0	0	MAX	1	1	1

ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	CHANGE CONTROL BOARD			TECHNICAL DIRECTIVE			IMPACT			
					NUMBER	MONTH YEAR	ACTION	TYPE	NUMBER	MONTH YEAR	SUP	TRNG	PUS	GSE
572	RI	5 69	P-3C	ASQ-81 MAD SYS	701-012R1	0	0	APRVD	AVC	0	0	MAX	1	1
574		12 68	P-3C	CFE ECM SYS	091-647	4	68	APRVD	AVC	0264	2	72	MAX	1
574	RI	0 0	P-3C	CFE ECM	091-647R1	0	0	MULT CCB	AVC	0264	2	72	MIN	0
574	SI	7 70	P-3C	UHFOF ANT MOVED	711-348	11	70	APRVD	AVC	0264	2	72	MAX	1
577		9 68	P-3C	FUS MAINT ACCESS	091-629	4	69	APRVD	AVC	0193	10	70	MIN	0
580		10 68	P-3C	ARA-25 TO -50	091-410	1	69	APRVD	AVC	0187	7	70	MAX	1
582		2 69	P-3A/B/C	ANTI-ICING HOSE	091-723	4	69	APRVD	AVC	0195	12	69	AVG	0
582		2 69	P-3A/B/C	ANTI-ICING HOSE	091-723R1	0	0	MULT CCB	AVC	0195	12	69	MIN	0
583		1 69	P-3A/B/C	SEAL FINISH SCR	091-696	4	69	APRVD	AVC	0194	3	70	MIN	0
584		2 69	P-3C	AIR FIL FOR DPS	091-628	4	69	APRVD	AVC	0192	9	69	AVG	1
584		2 69	P-3C	AIR FIL FOR DPS	091-628R1	0	0	MULT CCB	AVC	0192	9	69	MIN	0
590	RI	8 69	P-3C	BULLPUP PYLONS	701-422	12	69	APRVD	AAC	0	0	AVG	1	
591	RI	5 70	P-3A/B/C	BULLPUP PYLONS	711-296	11	70	APRVD	AAC	0570	0	0	AVG	1
591	RI	12 69	P-3C	MANUALS STORAGE	701-531	2	70	APRVD	AFC	0210	1	71	MIN	0
591	RI	12 69	P-3C	MANUALS STORAGE	701-531R1	9	70	MULT CCB	AFC	0210	1	71	MIN	0
591	RI	12 69	P-3C	MANUALS STORAGE	701-531R2	0	0	MULT CCB	AFC	0210	1	71	MIN	0
592		7 69	P-3C	APS-115 HEADING	701-481	1	70	APRVD	AVC	1062	4	71	AVG	1
592		7 69	P-3C	APS-115 HEADING	701-481	1	70	MULT CCB	AFC	0261	0	0	AVG	1
592	RI	2 71	P-3C	RADOME INTRLOCK	721-082	8	71	APRVD	AVC	1299	0	0	AVG	1
594	RI	3 70	P-3C	CABIN LIGHTING	711-508	2	71	APRVD	AFC	0244	0	0	MIN	0
596		8 69	P-3C	AILERON REINFOR	701-480	1	70	APRVD	AFC	0	0	AVG	0	
596		8 69	P-3C	AILERON REINFOR	701-480R1	0	0	MULT CCB	AFC	0	0	MIN	0	
597		8 69	P-3A/B/C	INTRVALDTR CAP	701-378	11	70	APRVD	AAC	0552	10	71	MIN	0
598		8 69	P-3A/B/C	OVEN RETENTION	701-248	10	69	APRVD	AFC	0199	6	70	AVG	0
599		8 69	P-3C	SEC CMPTR MOUNT	701-275	10	69	APRVD	AFC	0201	9	71	MIN	0
599		8 69	P-3C	SEC CMPTR MOUNT	701-275R1	0	0	MULT CCB	AFC	0201	9	71	MIN	0
602	CC	10 69	P-3C	RF XFER RELAY	701-493	1	70	APRVD	AFC	0206	4	70	AVG	0
603	CC	10 69	P-3C	AQH-4 WIRING	701-493	1	70	APRVD	AFC	0207	4	70	MIN	0
604	CC	11 69	P-3C	INFLY SPAR CASE	701-493	1	70	APRVD	AFC	0208	6	70	AVG	0
607	CC	10 69	P-3C	A271 INTRCONN	701-493	1	70	APRVD	AVC	1067	4	70	AVG	0
608	CC	10 69	P-3C	A275, A344 REV	701-493	1	70	APRVD	AVC	1068	0	0	AVG	0
609	CC	10 69	P-3C	A350 WIRING	701-493	1	70	APRVD	AVC	1069	5	70	MIN	0
610	CC	10 69	P-3C	A293 PCB REV	701-493	1	70	APRVD	AVC	1070	4	70	AVG	0
611	CC	10 69	P-3C	A303 PCB REV	701-493	1	70	APRVD	AVC	1071	5	70	AVG	0
613	RI	3 71	P-3C	FWD CAMRA SIGHT	711-761	5	71	APRVD	AFC	0259	1	72	MIN	1
614		12 69	P-3C	FUEL LINES	701-675	4	70	APRVD	AFC	0	0	AVG	0	
616		9 69	P-3C	LOGIC UNIT PNL	701-470	1	70	APRVD	AFC	0204	12	71	AVG	1
617	CC	10 69	P-3C	RACKS EL & E2	701-493	1	70	APRVD	AFC	0209	6	70	MIN	0
619		9 69	P-3C	SONO LAU TUBES	701-492	1	70	APRVD	AFC	0	0	AVG	1	
619		9 69	P-3C	SONO LAU TUBES	701-492R1	0	0	MULT CCB	AFC	0	0	MIN	0	
620		12 69	P-3C	SONO CHUT INDEX	701-562	2	70	APRVD	AFC	0213	10	71	MIN	0
620		12 69	P-3C	SONO CHUT INDEX	701-562R1	9	70	MULT CCB	AFC	0213	10	71	MIN	0
621	CC	12 69	P-3C	KWX EQUIP 8JX	701-563	2	70	APRVD	AFC	0214	9	71	MIN	0
622	CC	12 69	P-3C	A293 TEST PLATE	701-563	2	70	MULT CCB	AFC	0427	3	72	MIN	0
622	CC	12 69	P-3C	A293 TEST PLATE	701-563	2	70	APRVD	AVC	1034	3	72	MIN	0
623	CC	10 69	P-3B/C	ELEC PWR RELAYS	701-278	10	69	APRVD	AFC	0202	2	70	MIN	0
625	CC	12 70	P-3C	A323 REVISED	701-563	2	70	APRVD	AVC	1085	2	71	MIN	0
626	CC	3 70	P-3C	HF-1 ANT CPLR	701-855	6	70	APRVD	AFC	0226	0	0	MIN	0
627		1 70	P-3C	SCAV INL PMP SC	711-197	9	70	APRVD	AFC	0233	0	0	AVG	0

ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	NUMBER	CHANGE CONTROL BOARD		ACTION	TECHNICAL DIRECTIVE		IMPACT				
						MONTH YEAR	MONTH YEAR		TYPE NUMBER	MONTH YEAR	SUP TRNG	PUBS	GSE		
628	CC	12 69	P-3C	A276 CAMERA CNT	701-563	2	70	APRVD	AFC 0215	0	0	MIN	0	1	0
628	CC	12 69	P-3C	A276 CAMERA CNT	701-563	2	70	MULT CCB	AFC 1281	0	0	MIN	0	1	0
628	CC	12 69	P-3C	A276 CAMERA CNT	701-563	2	70	MULT CCB	AFC 1282	0	0	MIN	0	1	0
630	CC	1 70	P-3C	LOW PASS FWR	701-663	3	70	APRVD	AFC 0218	0	0	MIN	1	1	0
631		3 70	P-3C	CP-901 FMI FIL	701-622	3	70	APRVD	AFC 0217	12	70	MIN	1	1	0
632		1 70	P-3A/B	RO-308 INSTALD	701-545	2	70	APRVD	AFC 0212	2	72	MAX	1	1	1
634		11 69	P-3C	SOND FIX SIMPLI	701-560	2	70	APRVD	AFC	0	0	AVG	0	1	0
634		11 69	P-3C	SOND FIX SIMPLI	701-560R1	0	0	MULT CCB	AFC	0	0	MIN	0	0	0
634		11 69	P-3C	SOND FIX SIMPLI	701-560R2	0	0	MULT CCB	AFC	0	0	MIN	0	0	0
637		4 70	P-3C	SOND REDUND CKT	711-014	7	70	APRVD	AVC	0	0	MIN	0	1	0
639	CC	1 70	P-3C	TCG TAPE COINCI	701-598	3	70	MULT CCB	AFC 0216	0	0	AVG	1	0	0
639	CC	1 70	P-3C	TCG TAPE COINCI	701-598	3	70	APRVD	AVC 1246	9	71	AVG	1	1	0
641	CC	11 69	P-3B	FUEL DUMP MANIF	701-530	2	70	APRVD	AFC 0211	4	70	MIN	0	0	0
644	CC	4 70	P-3C	FL DIR CMPTR FL	701-836	6	70	APRVD	AVC 1146	10	71	MIN	1	1	0
644	CC	4 70	P-3C	FL DIR CMPTR FL	701-836	6	70	MULT CCB	AVC 1248	8	71	MIN	1	1	0
644	CC	4 70	P-3C	FL DIR CMPTR FL	701-836	6	70	MULT CCB	AVC 1249	9	71	MIN	1	1	0
644	CC	4 70	P-3C	FL DIR CMPTR FL	701-836	6	70	MULT CCB	AVC 0246	8	71	MIN	1	1	0
645	CC	3 70	P-3C	LADDER & TRACK	701-794	6	70	APRVD	AFC 0222	0	0	MIN	0	1	0
646	CC	5 70	P-3C	TTY INTERFACE	701-767	5	70	APRVD	AVC 1153	8	71	MIN	1	1	0
646	CC	5 70	P-3C	TTY INTERFACE	701-767	5	70	MULT CCB	AVC 1247	8	71	MIN	1	1	0
646	CC	5 70	P-3C	TTY INTERFACE	701-767	5	70	MULT CCB	AFC 0220	0	0	MIN	1	1	0
647	R1	6 70	P-3C	A-C & EXHAUST	701-768	5	70	APRVD	AFC 0221	8	71	MIN	0	1	0
647	R1	6 70	P-3C	A-C & EXHAUST	701-768R1	9	70	MULT CCB	AFC 0221	8	71	MIN	0	1	0
648	CC	3 70	P-3C	AQA-7 WIRING	701-795	6	70	APRVD	AFC 0223	0	0	MIN	0	1	0
649	CC	4 70	P-3C	HF PLUGS DESIG	701-800	6	70	APRVD	AFC 0226	8	71	MIN	1	1	0
650	CC	4 70	P-3C	DIA TERM CNVTR	701-799	6	70	APRVD	AVC 1209	0	0	MIN	1	1	0
651	CC	5 70	P-3C	GND A-C DOOR HI	711-148	8	70	APRVD	AFC 0234	0	0	AVG	0	1	0
651	CC	5 70	P-3C	APX-76 GND WIRE	701-798	6	70	APRVD	AFC 0224	4	71	MIN	0	1	0
655	CC	1 71	P-3C	AM-4964 REVISED	711-696	4	71	APRVD	AFC 0252	3	72	AVG	1	1	0
655	CC	1 71	P-3C	AM-4964 REVISED	711-696	4	71	MULT CCB	AVC 1268	0	0	AVG	1	1	0
656	CC	11 70	P-3C	INERTIAL LIGHTS	711-661	4	71	APRVD	AVC 1263	2	72	MIN	1	1	0
657	CC	4 70	P-3C	ASN-84 OMNIBUS	701-796	6	70	APRVD	AVC 1138	9	71	MIN	0	1	0
658	CC	4 70	P-3C	APN-187 OMNIBUS	701-856	6	70	APRVD	AVC 1251	8	71	MIN	0	1	0
658	CC	4 70	P-3C	APN-187 OMNIBUS	701-856	6	70	MULT CCB	AVC 1252	8	71	MIN	0	1	0
658	CC	4 70	P-3C	APN-187 OMNIBUS	701-856	6	70	MULT CCB	AVC 1253	8	71	MIN	0	1	0
659	CC	7 70	P-3C	HF CPLR OMNIBUS	701-855	6	70	APRVD	AVC 1250	0	0	MIN	1	1	0
660	CC	5 70	P-3C	ARC-142 HF DBUS	711-082	8	70	APRVD	AVC 1163	9	71	MIN	1	1	0
661	CC	3 70	P-3C	ARC-143 VHF DB	711-082	8	70	APRVD	AVC 1254	10	71	MIN	1	1	0
662		5 70	P-3A/B/C	PROP SPIN OWHET	711-171	9	70	APRVD	AFC 0232	0	0	MIN	1	0	0
663		5 70	P-3C	INS MEMORY PROG	701-843	6	70	APRVD	AVC 1147	2	71	MIN	1	1	0
664	CC	6 70	P-3C	ARR-72 OMNIBUS	711-161	8	70	APRVD	AVC 1173	0	0	MIN	1	1	0
664	CC	0 0	P-3C	ASA-64 SPEC CHG	081-618	2	68	APRVD	AVC 1255	0	0	MIN	1	1	0
664	CC	0 0	P-3C	SG-791 CHANGES	081-619	2	68	APRVD	AVC 1256	9	71	MIN	1	1	0
665	CC	6 70	P-3C	ASN-84 PWR SUP	711-160	8	70	APRVD	AVC 1172	10	71	MIN	1	1	0
668	CC	7 70	P-3B/C	NACELLE SHRUD	711-363	11	70	APRVD	AFC 0177	9	71	MIN	0	0	0
669	CC	6 70	P-3C	INS INTERC WIR	701-857	6	70	APRVD	AFC 0230	1	72	MIN	1	1	0
670	CC	9 70	P-3C	ACQ-5 OMNIBUS	711-349	11	70	APRVD	AVC 1208	9	71	MIN	1	1	0
670	CC	9 70	P-3C	ACQ-5 OMNIBUS	711-349	11	70	MULT CCB	AVC 1209	10	71	MIN	1	1	0
670	CC	9 70	P-3C	ACQ-5 OMNIBUS	711-349	0	0	MULT CCB	AVC 1207	0	0	MIN	1	1	0
670	CC	9 70	P-3C	ACQ-5 OMNIBUS	711-349	0	0	RECEIVED	AFC 0237	0	0	MIN	1	1	0
671		7 70	P-3C	ICS AUX SEL LGT	711-344	11	70	APRVD	AFC 0236	0	0	AVG	1	1	0



ENGINEERING CHANGE PROPOSAL (ECP)

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	NUMBER	CHANGE MONTH YEAR		ACTION	TECHNICAL DEFECTIVE				IMPACT		
						MONTH	YEAR		TYPE NUMBER	MONTH	YEAR	SUP	TPNG	PUBS	GSE
671	CC	7 70	P-3C	ICS AUX SEL LGT	711-344R1	0	0	MULT CCB	AFC	0236	0	0	MIN	0	0
674	CC	6 70	P-3C	A349 WIRING	711-159	8	70	APRVD	AFC	1171	0	0	MIN	1	1
675	CC	9 70	P-3C	ICS MSTR CNFL	711-398	12	70	APRVD	AFC	0239	0	0	MIN	1	1
676	CC	8 70	P-3C	VHF VSWR PROCT	711-326	10	70	APRVD	AFC	0239	0	0	MIN	1	1
676	CC	8 70	P-3C	VHF VSWR PROCT	711-326R1	0	0	MULT CCB	AFC	0239	0	0	MIN	0	0
676	CC	8 70	P-3C	VHF VSWR PROCT	711-326R2	0	0	MULT CCB	AFC	0239	0	0	MIN	0	0
677	RI	1 71	P-3C	OMEGA INCRPORA	711-749	5	71	APRVD	AFC	0257	0	0	MAX	1	1
678	RI	12 70	P-3C	SNDM RET REV	711-434	12	70	APRVD	AFC	0240	0	0	AVG	1	1
681	7 70	P-3C	P-3C	GYRD HDR IMD	711-265	10	70	APRVD	AFC	0235	0	0	AVG	0	0
684	9 70	P-3C	P-3C	AGC-6 HED MODUL	711-343	3	71	APRVD	AFC	0235	0	0	MIN	0	0
685	CC	7 70	P-3C	ARC-142 REVISED	711-063	7	70	APRVD	AFC	1156	0	0	MIN	1	1
686	CC	10 70	P-3C	ASSG TEMP REV	711-604	8	70	APRVD	AFC	1255	0	0	MIN	1	1
686	RI	12 70	P-3C	ASSG TEMP REV	711-604	8	70	APRVD	AFC	1173	9	71	MIN	0	0
687	7 70	P-3C	P-3C	DEL AM-4923/A	711-149	8	70	APRVD	AFC	0235	0	0	AVG	1	1
687	SI	12 70	P-3C	DEL AM-4923/A	711-677	4	71	APRVD	AFC	0251	2	72	AVG	1	1
688	RI	8 71	P-3A/B/C	ELECT CONN, FIRE	721-186	10	71	APRVD	AFC	0268	0	0	AVG	1	1
689	CC	9 70	P-3C	DOPPLER A BOX	711-392	12	70	APRVD	AFC	0238	1	72	MIN	0	0
690	CC	9 70	P-3C	ADF SENSE ANT	711-468	1	71	APRVD	AFC	0242	0	0	MIN	1	1
692	CC	10 70	P-3C	TD-900 DEC MDLE	711-751	0	0	APRVD	AFC	0218	0	0	MIN	1	1
692	RI	12 70	P-3C	TD-900 DEC MDLE	711-751B	5	71	APRVD	AFC	0258	0	0	AVG	1	1
692	RI	12 70	P-3C	TD-900 DEC MDLE	711-751B	5	71	MULT CCB	AFC	1272	0	0	AVG	1	1
693	CC	9 70	P-3C	A323 A6 MODULE	711-273	10	70	APRVD	AFC	1197	10	71	MIN	1	1
693	CC	9 70	P-3C	A323 A6 MODULE	711-273	10	70	MULT CCB	AFC	0186	0	0	MIN	1	1
694	9 70	P-3C	P-3C	R-1047 TOR-1651	711-662	4	71	APRVD	AFC	0249	2	72	AVG	1	1
694	SI	1 71	P-3C	R-1047 TOR-1651	711-662R1	4	71	MULT CCB	AFC	0249	2	72	MIN	0	0
695	9 70	P-3C	P-3C	KG-238ACQ-5	711-252	9	70	APRVD	AFC	1192	0	0	AVG	1	1
695	9 70	P-3C	P-3C	KG-238ACQ-5	711-252	9	70	MULT CCB	AFC	1257	10	71	AVG	1	1
696	10 70	P-3C	P-3C	RADAR RANGE CNT	711-526	2	71	APRVD	AFC	1237	0	0	AVG	1	1
696	10 70	P-3C	P-3C	RADAR RANGE CNT	711-526R1	0	0	MULT CCB	AFC	1237	0	0	MIN	0	0
696	10 70	P-3C	P-3C	RADAR RANGE CNT	711-526R2	0	0	MULT CCB	AFC	1237	0	0	MIN	0	0
699	8 70	P-3C	P-3C	P-3C SPEC REV	711-527	0	0	APRVD	AFC	0237	0	0	MIN	0	0
701	11 70	P-3C	P-3C	CASS INSTALLED	711-563	3	71	APRVD	AFC	1244	0	0	MAX	1	1
701	11 70	P-3C	P-3C	CASS INSTALLED	711-563	3	71	APRVD	AFC	0245	0	0	MAX	1	1
701	11 70	P-3C	P-3C	DIGITAL INTRECE	092-240	4	69	APRVD	AFC	0245	0	0	MAX	1	1
701	11 70	P-3C	P-3C	CASS INSTALLED	711-563R1	0	0	MULT CCB	AFC	1244	0	0	MIN	0	0
704	1 70	P-3C	P-3C	TTY TAK-UP DEV	711-750	5	71	APRVD	AFC	0256	0	0	AVG	0	0
704	1 70	P-3C	P-3C	TTY TAK-UP DEV	711-750R1	0	0	MULT CCB	AFC	0256	0	0	MIN	0	0
705	12 70	P-3C	P-3C	EXT FINISH REV	711-660	0	0	APRVD	AFC	0256	0	0	MIN	0	0
708	10 70	P-3C	P-3C	UHF RT 6 CNFL	711-437	12	70	APRVD	AFC	1219	0	0	AVG	1	1
709	10 70	P-3C	P-3C	HF RT 6 CNFL	711-436	0	0	APRVD	AFC	1219	0	0	AVG	1	1
711	1 71	P-3C	P-3C	INS LOAD VERIF	711-566	3	71	APRVD	AFC	1245	1	72	MAX	1	1
712	1 71	P-3A/B/C	P-3C	SG-862 SPAR PWR	711-633	4	71	APRVD	AFC	0248	0	0	AVG	1	1
713	3 71	P-3C	P-3C	SNDM CHUTE STOP	711-708	4	71	APRVD	AFC	0253	0	0	AVG	1	1
713	3 71	P-3C	P-3C	SNDM CHUTE STOP	711-708R1	0	0	MULT CCB	AFC	0253	0	0	MIN	0	0
713	3 71	P-3C	P-3C	SNDM CHUTE STOP	711-708R2	0	0	MULT CCB	AFC	0253	0	0	MIN	0	0
714	3 71	P-3A/B/C	P-3C	AQA-7 SOFT MT	721-003	0	0	APRVD	AFC	0253	0	0	MIN	0	0
716	2 71	P-3A	P-3A	APX-72 AC RELAY	711-794	0	0	APRVD	AFC	0197	0	0	AVG	0	0
718	5 71	P-3A/B/C	P-3C	LGT PROF FU CAP	721-073	8	71	APRVD	AFC	0260	0	0	AVG	1	1
719	3 71	P-3C	P-3C	SNDM LAU FIL RT	711-709	4	71	APRVD	AFC	0254	0	0	AVG	1	1
719	3 71	P-3C	P-3C	SNDM LAU FIL RT	711-709R1	0	0	MULT CCB	AFC	0254	0	0	MIN	0	0
719	3 71	P-3C	P-3C	SNDM LAU FIL RT	711-709R2	0	0	MULT CCB	AFC	0254	0	0	MIN	0	0

ECP NO.	REV.	LOCKHEED MONTH YEAR	A/C TYPE	SYSTEM DESCRIPTION	NUMBER	CHANGE CONTROL BOARD		ACTION	TECHNICAL DIRECTIVE			IMPACT				
						MONTH	YEAR		TYPE NUMBER	MONTH	YEAR	SUP TRNG	PUBS	ISE		
719	S1	3	71 P-3C	SOND LAU FIL RT	711-709R2	0	0	APRVD	AFC		0	0	MIN	1	1	0
722		6	71 P-3A/B/C	ELEV BOOSTER	721-110	9	71	APRVD	AFC	0265	0	0	AVG	0	1	0
723		6	71 P-3C	LLTV SPOT PROT	721-084	8	71	APRVD	AFC	0263	0	0	AVG	1	1	0
724		5	71 P-3C	ASN-84 CRPTR PR	721-015	0	0	APRVD	AVC		0	0	AVG	1	1	0
727		6	71 P-3C	ASA-65 GND WIRE	721-083	8	71	APRVD	AFC	0262	0	0	AVG	1	1	0
727		6	71 P-3C	ASA-65 GND WIRE	721-083R1	0	0	MULT CCB	AFC	0262	0	0	MIN	0	0	0
728		9	71 P-3C	SOND LAU RETENT	721-244	10	71	APRVD	AFC	0270	0	0	AVG	1	1	0
729		5	71 P-3A/B/C	AQH-4 PHR RESIS	721-031	7	71	APRVD	AVC	1291	0	0	AVG	1	1	0
730		6	71 P-3C	AILERON CABL GD	721-108	0	0	APRVD	AVC		0	0	AVG	0	0	1
737		8	71 P-3C	ACCEL COUNT GP	721-207	0	0	APRVD	AVC		0	0	AVG	0	0	1
738	CC	8	71 P-3C	APX-72 SEP GND	721-201	10	71	APRVD	AFC	0269	0	0	MIN	0	1	0
742		8	71 P-3C	LLTV ECA REV	721-249	10	71	APRVD	AVC	1321	0	0	AVG	1	1	0
747		8	71 P-3A/B/C	C-7617/ARR-72	721-208	10	71	APRVD	AFC	0186	0	0	MAX	1	1	1
748		10	71 P-3C	AMB SEA NOISE M	721-357	0	0	APRVD	AVC		0	0	MAX	1	1	1
748		10	71 P-3A/B	AMB SEA NOISE M	721-185	0	0	APRVD	AVC		0	0	AVG	1	1	0
750		8	71 P-3C	REINSTATE RORT	721-259R1	11	71	APRVD	AFC		0	0	AVG	1	1	1
756		11	71 P-3C	TACAN AIR DUCT	721-446	2	72	APRVD	AFC	0277	0	0	AVG	0	1	0
757		11	71 P-3C	NLG STEERING	721-476	0	0	APRVD	AFC		0	0	AVG	0	1	1
758		9	71 EP-3E	EP-3E BIS CHGS	721-188	10	71	APRVD	AFC		0	0	MIN	0	1	0
759		9	71 EP-3E	EP-3E BIS RECOM	721-320	12	71	APRVD	AFC	0274	0	0	MAX	0	1	0
760		9	71 EP-3E	ASN102 TO LTN51	721-188R1	0	0	APRVD	AVC		0	0	MIN	0	1	0
763		11	71 P-3C	ASN-84 CARDS	721-298	11	71	APRVD	AVC	1330	0	0	AVG	1	1	0
763		11	71 P-3C	ASN-84 CARDS	721-298	11	71	MULT CCB	AVC	1331	0	0	AVG	1	1	0
764		11	71 P-3C	FU QTY I BEARNG	721-413	2	72	APRVD	AFC		0	0	AVG	0	1	0
767		12	71 P-3C	TURB TEMP IND	721-467	0	0	APRVD	AFC		0	0	AVG	0	1	0
775		2	72 P-3C	COMM IMPROVMENTS	721-387R1	0	0	APRVD	AVC		0	0	MAX	1	1	1
775		2	72 P-3C	COMM IMPROVMENTS	722-311	0	0	APRVD	AVC		0	0	MAX	1	1	1
775		2	72 P-3C	COMM IMPROVMENTS	721-387	1	72	APRVD	AVC		0	0	MAX	1	1	1

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This report presents the results of a study to determine if any relationship exists between Logistics elements and Training Change Proposals (TCP). TCPs were analyzed and Logistics impact was assessed. The costs associated with TCPs were also investigated.