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Federal Aviation Administration
Washington, DC

Master Minimum Equipment List (MMEL)

Revision: 5
Date: 05/24/2017

AIRBUS HELICOPTERS EC130 B4, EC130 T2 (TCDS H9EU)

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LOG OF REVISIONS

REV NO.	DATE	PAGE NUMBERS
Original	11/03/1997	Original.
1	08/30/2002	Highlights of Change, Definitions.
1a	11/12/2002	Highlights of Change, Definitions.
2	06/15/2006	Highlights of Change, Definitions.
2a	05/24/2007	Highlights of Change, Definitions.
3	10/28/2013	Conversion to Joint Aircraft System/Component (JASC) Coding, Incorporation of Global Change (GC) Policy Letters.
4	04/03/2014	Conversion to Joint Aircraft System/Component (JASC) Coding, Incorporation of Additional Global Change (GC) Policy Letters.
5	05/24/2017	Cover Page, Table of Contents, Log of Revisions, Highlights of Change, Definitions and Preamble, Guidelines, 18-1, 21-1, 21-2, 21-3, 21-4, 22-1, 23-1, 23-2, 23-3, 24-1, 25-1, 25-2, 25-3, 26-1, 28-1, 29-1, 30-1, 31-1, 31-2, 31-3, 32-1, 33-1, 33-2, 33-3, 34-1, 34-2, 34-3, 34-4, 34-5, 34-6, 34-7, 34-8, 34-9, 35-1, 45-1, 52-1, 62-1, 63-1, 65-1, 71-1, 72-1, 77-1.

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FEDERAL AVIATION ADMINISTRATION			
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HIGHLIGHTS OF CHANGE			

This Master Minimum Equipment List (MMEL) has been reformatted in compliance with the Federal Aviation Administration, Joint Aircraft System/Component (JASC) Code Table, and Definitions are available for download or viewing at:

(<http://av-info.faa.gov/sdrx/references.aspx>).

This replaces the former Airline Transport Association (ATA) coding used in previous documents. JASC Coding is a four-digit number format, and as the title suggests, it contains a System Code and a Component Code. The first two digits are the System Code, which is similar to ATA Coding for their first two numbers. The last two digits in the JASC Code are the Component Code, which defines the specific component. The item number is a sequential number given for additional Components with the same JASC Code.

For Example: JASC Code 2410, where Code 24 represents the “Electrical Power” system, and Component Code 10 represents the “Alternator-Generator Drive” system.

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
-	-	Updated Cover Page to reflect Revision 5.
I	-	Combined Table of Contents and Control Page and updated to reflect Revision 5; combined Definitions and Preamble; added JASC 29, Hydraulic Power; 32, Landing Gear; and 45, Central Maintenance System; DELETED JASC 62, Main Rotor; and 72, Turbine/Turboprop Engine.
II		Updated Log of Revisions pages to reflect revision 5.
III-IX	-	Updated the Highlights of Change pages reflect revisions 5.
X	-	Combined Definitions and Preamble.
XI	-	Revised Guidelines to direct operators to contact the aircraft manufacturer for published procedures. Note: Guidelines are not required for an MMEL or MEL.
18-1	1800-01	Removed (**), since relief only applies to the T2, and is not optional; removed first C relief, which was an error; 1) thru 5): Changed relief from D to C, since not optional; 1) thru 6): Revised provisos (removed procedures).
21-1	2140-01	Revised description (added EC130 T2 and item 2160-01, ECS NOTE) and revised proviso par a) (removed procedure).
21-1	2140-02	Revised description (added EC130 T2 and item 2160-01, ECS NOTE) and revised proviso par a) (removed procedure).
21-1	2140-03	Added (***) and revised description (added EC130 B4 only).
21-1	2150-01	Revised description (added EC130 T2 and item 2160-01, ECS NOTE).
21-1	2160-01	DELETED cabin/cockpit light circuits (duplicate, see item 2150-01).
21-2	2160-03	Added (***) for EC130 T2; revised description (added NOTE); revised provisos for T2 and other models (removed procedures).

HIGHLIGHTS OF CHANGE (Cont'd)

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
21-4	2160-02	Revised description (added Caution Light on the CWP) and revised provisos (removed procedures).
22-1	2210-01	DELETED, Revision 5 yaw SAS, since not available for the EC130.
22-1	2210-02	DELETED, Revision 5 pitch/roll SAS, since not available for the EC130.
22-1	2211-01	DELETED, Revision 5 AFCS, since not available for the EC130.
22-1	2211-02	DELETED, Revision 5 navigation database, not available for the EC130.
23-1	2300-01	Added (***) to D relief; revised description (changed to cockpit intercom system (ICS)) and combined cockpit and cabin relief.
23-1	2310-01	Revised HF relief IAW PL-106.
23-1	2311-01	Revised UHF relief IAW PL-95.
23-2	2312-01	Revised VHF relief IAW PL-95.
23-2	2340-01	Revised PA system relief IAW PL-12.
23-2	2340-02	Changed relief to D, since optional and revised proviso.
23-2	2340-03	DELETED crewmember interphone (see items 2300-01 and 2340-01).
23-3	2350-01	Changed number required for dispatch and revised proviso (RFM restriction, not a CFR).
23-3	2370-01	Added relief for CVR with FDR, CVR without FDR, and CVR for other than air carrier or commercial operator IAW PL-29.
24-1	2424-01	Changed number required for dispatch.
24-1	2432-01	Revised proviso par a) (changed to second battery kit).
24-1	2432-02	Revised description (changed to second battery kit); added missing C reliefs for second and third (M) procedures and revised provisos (removed "OR" IAW PL-31).
25-1	2500-01	Removed PL reference, since expired; added (***) and revised description (added Passenger Convenience).
25-1	2500-04	Revised description (changed to helicopter ambulance (HAA) equipment).
25-1	2500-06	Added relief for ULB.
25-1	2500-07	Added relief for Passenger Briefing Cards IAW PL-125.
25-2	2520-01	Added relief for Passenger Seats IAW PL-79.
25-2	2520-02	Removed D relief and added (O) procedure for C relief.
25-2	2550-01	Added for Cargo Suspension System.
25-2	2550-02	Added (***) since optional.

HIGHLIGHTS OF CHANGE (Cont'd)

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
25-2	2550-03	Added relief for Cargo Restraint Systems IAW PL-100.
25-2	2550-04	Changed deactivated/secured, to deactivated, removed or secured.
25-2	2550-05	Changed deactivated/secured, to deactivated, removed or secured.
25-2	2550-06	Changed deactivated/secured, to deactivated, removed or secured.
25-2	2560-01	Added (**); revised description (removed emergency) and changed relief to D, since optional.
25-2	2560-02	Added (***) and changed relief to D, since optional.
25-3	2560-03	Revised relief for First Aid Kit (FAK) IAW PL-73.
25-3	2560-04	DELETED life raft relief, since already included with item 2560-01.
25-3	2561-01	DELETED life jackets relief, since already included with item 2560-01.
25-3	2562-01	Revised relief for ELT IAW PL-120.
25-3	2562-02	Revised proviso, since not a CFR rule.
25-3	2562-03	Added relief for ELT Remote Switch.
26-1	2622-01	Revised relief for Portable Fire Extinguisher IAW PL-75).
28-1	2822-01	DELETED fuel boost pump relief, since emergency action item.
28-1	2824-01	DELETED ferry tank system, since not available for the EC130.
28-1	2841-02	Revised description and revised provisos par a) and b).
28-1	2841-03	Revised proviso par b).
29-1	2912-01	Added relief for Dual Hydraulic System Clogging Indicator.
30-1	3030-02	Added missing C relief for second proviso and removed "OR" IAW PL-31.
30-1	3040-01	DELETED windshield wiper system, since not available for the EC130.
31-1	3100-01	Added relief for G500H Flight Display System.
31-1	3100-02	Added relief for ESI-2000 Electronic Standby Indicator.
31-1	3100-03	Added relief for EVS.
31-1	3100-04	Added relief for SVS.
31-1	3100-05	Added relief for Class C EFBs IAW PL-121.
31-2	3120-02	Revised proviso to match relief for the AS-350 MMEL; moved from 3412-01.
31-2	3120-03	Revised proviso.
31-2	3130-01	Revised relief for FDR with CVR IAW PL-87.

HIGHLIGHTS OF CHANGE (Cont'd)

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
31-3	3130-02	Moved HUMS to 4500-01 IAW JASC user manual.
31-3	3130-03	Revised description (added EC130 VMD only).
32-1	3212-01	Added relief for Emergency Flotation System
32-1	3246-01	Added relief for Snow Skids
32-1	3246-02	Added relief for Settling Protectors.
33-1	3310-01	Revised relief for Cockpit Instrument Lighting IAW PL-77.
33-1	3310-02	Changed number required for dispatch to "0".
33-1	3310-03	Changed relief from D to C, since not optional and added additional D relief for other than night operations.
33-2	3320-01	Added applicable relief for Equipment without Passengers IAW PL-125.
33-2	3320-02	Revised Passenger Lighted Sign relief IAW PL-123.
33-2	3320-03	Added relief for Cockpit Lighted Sign.
33-3	3330-01	Added relief for Baggage Compartment Lights.
33-3	3340-01	Revised description (removed navigation) and changed number installed to (-).
33-3	3340-02	Changed relief to C, since not optional and number installed to (-).
33-3	3340-03	Revised description (removed search light, since not available for the EC130); changed number installed and revised proviso.
33-3	3340-04	Changed relief to D, since optional and revised proviso.
33-3	3340-05	Changed relief to D, since optional and revised proviso.
33-3	3340-06	Changed relief to D, since optional.
33-3	3350-01	Added relief for Flashlight(s).
34-1	3412-01	Moved OAT indicator to item 3120-02, IAW JASC user manual.
34-1	3413-01	Changed relief to D, since optional and number required for dispatch to "0".
34-1	3414-01	DELETED Airspeed Indicator, (single pilot) since not IFR approved.
34-1	3414-02	DELETED Airspeed Indicator (two pilots), since not IFR approved.

HIGHLIGHTS OF CHANGE (Cont'd)

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
34-1	3424-01	Added (**); revised description (removed gyroscopic); changed relief to D, since optional and changed number installed to (-).
34-1	3424-02	Added relief for Slip Skid Indicator.
34-1	3425-01	Added relief for Flight Director.
34-1	3431-01	Added (**); revised description (changed ILS to localizer) and changed relief to D, since optional.
34-1	3432-01	Added relief for Glideslope System.
34-1	3434-01	Changed relief to D, since optional.
34-2	3442-01	DELETED radar altimeter audio warning, since included in item 3444-01.
34-2	3444-01	Revised description (added system); changed relief to C IAW CFR, in preparation for 2017 CFR 135.160 and added D relief.
34-2	3444-02	DELETED SSR, since already addressed with item 3414-03.
34-2	3444-03	DELETED altimeter, since not IFR approved.
34-2	3444-04	Revised relief for TAWS IAW PL-54.
34-3	3445-01	Revised relief for TCAS I and II, IAW PL-32.
34-6	3451-01	Added relief for DME IAW PL-03.
34-6	3452-01	Revised relief for Transponders IAW PL-76.
34-7	3452-02	Revised relief for ADS-B IAW PL-105.
34-7	3454-01	Added relief for VOR System.
34-7	3455-01	Added (**); revised description (removed navigation); changed relief to D, since optional and number required for dispatch to "0".
34-7	3457-01	Changed relief to D, since optional and number required for dispatch to "0".
34-8	3457-02	Added relief for GPS Terminal Procedures Database.
34-8	3457-03	Added relief for GPS Aviation Database.
34-8	3457-04	Added relief for GPS Obstacle Database.
34-8	3457-05	Added relief for GPS Airport Information Database.
34-8	3457-06	Added relief for GPS Navigation Database.
34-8	3457-07	Added relief for Garmin GTN.
34-8	3457-08	Added relief for RNAV System.
34-8	3457-09	Added relief for XM Weather.
34-8	3457-10	Added relief for Weather Radar/Thunderstorm Detection Equipment.
34-9	3461-01	Revised relief for FMS and Navigation Management IAW PL-98.

HIGHLIGHTS OF CHANGE (Cont'd)

PAGE NO.	JASC ITEM	EXPLANATION OF CHANGE
35-1	3510-01	Revised description (added "and masks for crew and passengers); added D relief and moved (***)).
45-1	4500-01	Changed relief to D, since optional and revised proviso since not a CFR rule; moved from 3130-02.
52-1	5210-01	Added relief for Pneumatic Door Opening System.
62-1	6240-01	Relief moved to item 6300-01 (Digital N _r Indication), Revision 5; DELETED JASC 62.
63-1	6300-01	Revised proviso IAW AB MMEL; moved from 6240-01
65-1	6520-01	Added (***) ; revised description (removed if installed) and revised proviso par c) (removed – carry over error from 7722-01).
71-1	7160-01	Revised description (added "engine air" and removed AECMA code) and revised proviso IAW AB MMEL.
72-1	7200-01	Relief moved to item 7700-01 (Engine Data Recorder (EDR)), Revision 5; DELETED JASC 72.
77-1	7700-01	Added missing (O) procedure IAW AB MMEL.
77-1	7720-01	Moved to 6520-01 IAW JASC user manual.
77-1	7722-01	Revised description (removed "tachometer, dual indicator N _r /N _f – carry over error from AB MMEL for the AS350 series); changed number installed from (-) to 1 and revised proviso IAW AB MMEL for the EC130.

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DEFINITIONS		

The Definitions must be inserted here in each Minimum Equipment List (MEL) from current FAA MMEL Policy Letter PL-25.

The 14 CFR Regulatory requirements applicable to specific MMEL chapters can be found in PL-25, Appendix A. Regulatory requirements must be incorporated into specific MEL relief by the MEL user in accordance with the kinds of operations being conducted by the user.

PREAMBLE

The applicable Preamble must be inserted here in each Minimum Equipment List (MEL) from current FAA MMEL Policy Letter PL-34, MMEL AND MEL PREAMBLE, or FAA MMEL Policy Letter PL-36, 14 CFR Part 91 MEL APPROVAL.

Current Policy Letters may be found online at <http://fsims.avs.faa.gov>.

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GUIDELINES FOR (M) AND (O) PROCEDURES			

The FOEB has identified a need for certain procedures to provide an adequate level of safety while providing relief for some items. These procedures must be established by the operator and may be based on the aircraft manufacturer's recommended procedures, Supplemental Type Certificate modifier's recommended procedures, or equivalent operator procedures. When manufacturer's procedures are published, the operator should comply with those procedures.

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MMEL TABLE KEY

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ITEM

1. REPAIR CATEGORY

2. NUMBER INSTALLED

3. NUMBER REQUIRED FOR DISPATCH

4. REMARKS OR EXCEPTIONS

18. HELICOPTER VIBRATION

JASC Code	Item	1	2	3	4	Change Bar
1800-01	Active Vibration Control System (AVCS) (EC130 T2 only)					
	1) Accelerometer (ACC)	C	5	0	(O) One or more may be inoperative provided the system is deactivated and (AVCS) pushbutton is OFF.	
	2) Actuators (AVCA)	C	4	0	(O) One or more may be inoperative provided the system is deactivated and (AVCS) pushbutton is OFF.	
	3) Controller and Power Amplifier (AVCCPA)	C	1	0	(O) May be inoperative provided (AVCS) pushbutton is OFF.	
	4) Maintenance Box	C	1	0	May be inoperative.	
	5) Pushbutton (On Console)	C	1	0	(M) May be inoperative provided that the system is deactivated and the AVCS breaker located on the 31/32a breaker panel in the cargo compartment is OFF.	
	6) OFF Indicator Light (On Pushbutton)	C	1	0	(O) May be inoperative provided (AVCS) pushbutton is OFF.	
	7) FAIL Indicator Light	C	1	0	May be inoperative.	

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ITEM

1. REPAIR CATEGORY

2. NUMBER INSTALLED

3. NUMBER REQUIRED FOR DISPATCH

4. REMARKS OR EXCEPTIONS

21. AIR CONDITIONING

JASC Code	Item	1	2	3	4	Change Bar
2140-01	Heating Circuit (EC130 T2 Refer to Item 2160-02, ECS NOTE)	C	2	1	(O) May be inoperative provided: a) Heating control is closed, and b) Demisting is operative.	
2140-02	Demisting Circuit (EC130 T2 Refer to Item 2160-02, ECS NOTE)	C	1	0	(O) May be inoperative provided: a) Heating Control is closed, and b) No visible moisture and OAT above +5 degrees C (41 degrees F).	
2140-03 ***	Mechanical Ventilation and Air Conditioning System (EC130 B4 only)	D	1	0	(M) May be inoperative provided: a) Ventilation is used as dynamic ventilation, if necessary, and b) System is deactivated and secured.	
2150-01	Cabin-Cockpit Dynamic Ventilation Light Circuits (EC130 T2 Refer to Item 2160-02, ECS NOTE) 1) Cabin 2) Cockpit	C C	1 1	0 0	May be inoperative. May be inoperative.	
2160-01	Cabin-Cockpit Dynamic Ventilation Light Circuits (COCKPIT CIRCUIT)	C	1	0	Relief moved to item 2150-01 (Cabin-Cockpit Dynamic Ventilation Light Circuits), Revision 5.	

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1. REPAIR CATEGORY

2. NUMBER INSTALLED

3. NUMBER REQUIRED FOR DISPATCH

4. REMARKS OR EXCEPTIONS

21. AIR CONDITIONING (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
2160-02 ***	Environmental Control System (ECS) NOTE: When ECS is Installed, it Replaces Items 2140-02, -03, and 2150-01 (EC130 T2 only)	C	1	0	<p>(O) May be inoperative when ECS control panel message (HE) or no message (--) is displayed provided:</p> <ul style="list-style-type: none"> a) No visible moisture and OAT above +5 degrees C (41 degrees F), b) According to the mission foreseen, the known meteorological conditions do not require heating or demisting, c) P2 manual valve is closed, and d) Bad weather window is opened, if necessary. <p>NOTE: Loss of heating occurs, and demisting may be inoperative or degraded.</p>	
		C	1	0	<p>(O) May be inoperative when ECS control panel message (--) or (F1) is displayed provided:</p> <ul style="list-style-type: none"> a) No visible moisture and OAT above +5 degrees C (41 degrees F), and b) According to the mission foreseen, the known meteorological conditions do not require heating or demisting, c) P2 manual valve is closed, and d) Bad weather window is opened, if necessary. <p>NOTE: Loss of heating occurs, and demisting may be inoperative or degraded.</p> <p>(Continued)</p>	

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1. REPAIR CATEGORY

2. NUMBER INSTALLED

3. NUMBER REQUIRED FOR DISPATCH

4. REMARKS OR EXCEPTIONS

21. AIR CONDITIONING (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
2160-02 (Cont'd)	Environmental Control System (ECS) (Cont'd)	C	1	0	(O) May be inoperative when ECS control panel message (EE) is displayed provided, according to the mission foreseen, the known meteorological conditions do not require heating or demisting. NOTE: Loss of heating occurs, and demisting remains operational.	
		C	1	0	(O) May be inoperative with ECS control panel messages (CO) or (C2) or (PO) or (F2). NOTE: Heating and demisting remains operational.	

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1. REPAIR CATEGORY

2. NUMBER INSTALLED

3. NUMBER REQUIRED FOR DISPATCH

4. REMARKS OR EXCEPTIONS

21. AIR CONDITIONING (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
2160-03	P2 OVHT Caution Light on the CWP	C	1	0	<p>(O) May be inoperative provided:</p> <ul style="list-style-type: none"> a) No visible moisture and OAT above +5 degrees C (41 degrees F), and b) According to the mission foreseen, the known meteorological conditions do not require heating or demisting, c) P2 manual valve is closed, and d) Bad weather window is opened, if necessary. <p>NOTE: Loss of heating occurs, and demisting may be inoperative or degraded.</p>	

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ITEM

1. REPAIR CATEGORY

2. NUMBER INSTALLED

3. NUMBER REQUIRED FOR DISPATCH

4. REMARKS OR EXCEPTIONS

22. AUTOFLIGHT

JASC Code	Item	1	2	3	4	Change Bar
2210-01 ***	Yaw SAS	C	-	0	DELETED, Revision 5.	
2210-02 ***	Pitch/Roll SAS	C	-	0	DELETED, Revision 5.	
2211-01 ***	AFCS	C	-	0	DELETED, Revision 5.	
2211-02 ***	Navigation Database	C	-	0	DELETED, Revision 5.	

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ITEM

1. REPAIR CATEGORY

2. NUMBER INSTALLED

3. NUMBER REQUIRED FOR DISPATCH

4. REMARKS OR EXCEPTIONS

23. COMMUNICATIONS

JASC Code	Item	1	2	3	4	Change Bar
2300-01	Cockpit Intercom System (ICS)	C	-	1	ICS may be inoperative on the pilot not flying (PNF) side.	
***	Cabin ICS	D	-	-	(O) One or more may be inoperative provided an alternative means of communication is established and used with passengers.	
2310-01	High Frequency Communications System (HF)	D	-	-	As in excess of those required by 14 CFR may be inoperative.	
*** (PL-106)		C	-	1	(O) May be inoperative while conducting operations that require two LRCS provided: <ul style="list-style-type: none"> a) Aircraft SATVOICE system operates normally, b) SATVOICE services are available as an LRCS over the intended route of flight, c) The ICAO Flight Plan is updated (as required) to notify ATC of the communications equipment status of the aircraft, and d) Alternate procedures are established. 	
2311-01	Communications Systems (UHF)	D	-	-	Any in excess of those required by 14 CFR may be inoperative provided it is not powered by the Emergency AC Bus, Emergency DC Bus, Battery Bus, Battery Direct Bus, or the DC Transfer Bus and not required for emergency procedures.	
*** (PL-95)						

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23. COMMUNICATIONS (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar	
2312-01 *** (PL-95)	Communications Systems (VHF) 1) VHF Communication Control Panels a) Frequency Transfers Light b) Frequency Transfer Switch c) Frequency Selector Knob d) Frequency Indication	D	-	-		Any in excess of those required by 14 CFR may be inoperative provided it is not powered by the Emergency AC Bus, Emergency DC Bus, Battery Bus, Battery Direct Bus, or the DC Transfer Bus and not required for emergency procedures.	
2312-02 ***	Communications Systems (FM)	D	-	-		As required by 14 CFR.	
2340-01 *** (PL-9)	Passenger Address System (PA)	C	-	0		(O) May be inoperative provide alternate procedures are established and used. May be inoperative provided procedures do not require its use.	
2340-02 ***	External Loudspeaker	D	-	-		May be inoperative provided system is deactivated and secured.	
2340-03	Crewmember Interphone System (Flightcrew to Cabin/Ground, Cabin/Ground to Flightcrew, and Cabin to Cabin Alerting System and Handset)	C	-	-		DELETED, Revision 5.	

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23. COMMUNICATIONS (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
2350-01	Headset	C	-	1	Any in excess of those required by RFM may be inoperative.	
2350-02	Audio Selector Panel	C	-	-	As required by 14 CFR.	
2370-01 (PL-29)	Cockpit Voice Recorder (CVR) With a Flight Data Recorder (FDR) Installed					
	Cockpit Voice Recorder (CVR)	A	1	0	May be inoperative provided: a) Flight Data Recorder (FDR) operates normally, and b) Repairs are made within 3 flight days.	
***	1) Independent Power Source	C	1	0		
	Cockpit Voice Recorder (CVR) Without a Flight Data Recorder (FDR) Installed					
	Cockpit Voice Recorder (CVR)	A	1	0	May be inoperative provided repairs are made within 3 flight days.	
***	1) Independent Power Source	C	1	0		
	Cockpit Voice Recorder (CVR) for an Operator Other Than a Holder of an Air Carrier or Commercial Operator Certificate					
	Cockpit Voice Recorder (CVR)	A	1	0	May be inoperative provided repairs are made in accordance with applicable 14 CFRs.	
***	1) Independent Power Source	C	1	0		

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24. ELECTRICAL POWER

JASC Code	Item	1	2	3	4	Change Bar
2410-01	Generator Caution System	B	1	0	May be inoperative provided the ammeter is operative.	
2425-01	AC Voltage Indication	C	-	0	May be inoperative.	
2432-01	Battery	B	1	0	(M) Main battery may be inoperative provided: a) Second Battery Kit (Cold Weather Starting) is installed and operative, and b) Inoperative battery connector is disconnected and stowed.	
2432-02 ***	Second Battery Kit (Cold Weather Starting)	C	-	0	(M) May be inoperative provided kit battery remains installed, disconnected, and electrical cables are secured.	
		C	-	0	(M) May be inoperative provided kit battery is removed, appropriate ballast is installed, and electrical cables are secured.	
		C	-	0	(M) May be inoperative provided kit battery is removed, electrical cables are secured, and weight and balance is revised.	

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25. EQUIPMENT/FURNISHINGS

JASC Code	Item	1	2	3	4	Change Bar
2500-01 ***	Passenger Convenience/NEF Items	D	-	0	May be inoperative, damaged, or missing provided that the item(s) is deferred in accordance with the NEF deferral program. NEF program, procedures, and processes are outlined in the operator's manual. (M)(O) Procedures, if required, must be available to the flightcrew and included in the operator's appropriate document.	
2500-02 ***	Electronic News Gathering (ENG) Equipment	D	-	0	(M) May be inoperative provided system is deactivated, removed, or secured.	
2500-03 ***	Tail Rotor Camera	D	-	0	(M) May be inoperative provided system is deactivated, removed or secured.	
2500-04 ***	Helicopter Air Ambulance (HAA) Equipment	D	-	0	(M) May be inoperative or missing provided system is deactivated, secured or removed. (O) Procedures may be required and included in the operator's appropriate document.	
2500-05 ***	Forward Looking Infrared (FLIR) System	D	-	0	(M) May be inoperative provided system is deactivated, removed or secured.	
2500-06 ***	Sonic Underwater Locator Beacon (ULB)	D	-	0	(M) May be inoperative provided system is deactivated, removed, or secured.	
2500-07 *** (PL-125)	Printed Supplemental Safety Information	C	-	0	(O) May be missing or inoperative provided: a) No passengers are carried, and b) Alternate procedures are established and used.	
2500-08 ***	Flashlight(s)	D	-	-	As required by 14 CFR.	
2510-01	Crewmember Shoulder Harness	B	-	1	One may be inoperative or missing provided the affected seat is not required and is not used.	

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25. EQUIPMENT/FURNISHINGS (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
2520-01 *** (PL-79)	Passenger Seat	D	-	0	May be inoperative provided: a) Seat does not block an Emergency Exit, b) Seat does not restrict any passenger from access to the main aircraft aisle, and c) The affected seat(s) are blocked and placarded "DO NOT OCCUPY". NOTE 1: A seat with an inoperative seat belt is considered inoperative. NOTE 2: A seat with an inoperative or missing occupant restraint system (seat belt, shoulder harness, etc.) is considered inoperative.	
2520-02	Passenger Seat Belts and/or Shoulder Harnesses	C	-	0	As required by 14 CFR. (O) May be inoperative provided the seat is blocked and placarded.	
2550-01 ***	Cargo Suspension System	D	-	0	(M) May be inoperative provided system is deactivated and secured. NOTE: Cargo Swing Load Indicator may be inoperative provided another accurate means of weighing the sling load is available.	
2550-02 ***	Hoist System	D	-	0	(M) May be inoperative provided system is deactivated and secured.	
2550-03 *** (PL-100)	Cargo Restraint Systems	C	-	-	May be inoperative or missing provided cargo compartment remains empty.	
2560-01 ***	Flotation Equipment	D	-	-	As required by 14 CFR.	
2560-02 ***	Survival Equipment	D	-	-	As required by 14 CFR.	

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25. EQUIPMENT/FURNISHINGS (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
2560-03 *** (PL-73)	First Aid Kit (FAK) and/or Associated Equipment	D	-	-	Any in excess of those required by 14 CFR may be incomplete, missing, or inoperative.	
2560-04 ***	Life Rafts for Extended Over Water Flights	D	-	-	DELETED, Revision 5.	
2561-01 ***	Life Jackets	D	-	-	DELETED, Revision 5.	
2562-01 (PL-120) *** ***	Emergency Locator Transmitter (ELT) Survival Type ELTs Fixed ELTs	D A A D D	- - - - -	- 0 0 -	Any in excess of those required by 14 CFR may be inoperative or missing. (M) May be inoperative provided: a) System is deactivated, and b) Repairs are made within 90 days. May be missing provided repairs are made within 90 days. (M) Any in excess of those required by 14 CFR may be inoperative provided system is deactivated. Any in excess of those required by 14 CFR may be inoperative or missing.	
2562-02 ***	Automatically Deployable Emergency Locator Transmitter (ADELT)	D	-	0	May be inoperative.	
2562-03 ***	ELT Remote Switch	D	-	0	(M) May be inoperative provided ELT transmitter is armed and functional.	

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26. FIRE PROTECTION

JASC Code	Item	1	2	3	4	Change Bar
2622-01 (PL-75)	Portable Fire Extinguisher	D	-	-	Any in excess of those required by 14 CFR may be inoperative or missing provided: <ul style="list-style-type: none"> a) Inoperative fire extinguisher is tagged inoperative, removed from installed location, and placed out of sight so it cannot be mistaken for a functional unit, and b) Required weight and balance is maintained. 	

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28. FUEL

JASC Code	Item	1	2	3	4	Change Bar
2822-01	Fuel Boost Pump	C	1	0	DELETED, Revision 5.	
2824-01 ***	Ferry Tank System	D	-	1	DELETED, Revision 5.	
2841-01 ***	Fuel Flow Meter	D	-	0	May be inoperative.	
2841-02	FUEL (COMB) Low Fuel Level Warning Light	B	1	0	May be inoperative provided: a) Fuel quantity indicator is operative, b) Aircraft takeoffs with the maximum quantity of fuel, and c) Flight duration not more than 1 hour 50 minutes.	
2844-03	Fuel Quantity Indication	B	1	0	May be inoperative provided: a) Low fuel level warning light is operative, b) Aircraft takeoffs with maximum quantity of fuel, and c) Flight duration not more than 1 hour 50 minutes.	

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29. HYDRAULIC POWER

JASC Code	Item	1	2	3	4	Change Bar
2912-01	Dual Hydraulic System Clogging Indicator	B	2	1	(M) One indicator may have popped out, but the second one must be operative.	

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30. ICE AND RAIN PROTECTION

JASC Code	Item	1	2	3	4	Change Bar
3030-01	Pitot Heating System	C	1	0	May be inoperative for VFR flight provided: a) OAT greater than +5 degrees C (41 degrees F), and b) There is no visible moisture.	
3030-02	Pitot Heating Warning Light "PITOT"	C	1	0	(M) May be inoperative for VFR flight provided the heater is verified to be operative prior to each flight.	
		C	1	0	May be inoperative for VFR flight provided: a) OAT greater than +5 degrees C (41 degrees F), and b) There is no visible moisture.	
3040-01	Windshield Wiper System	C	-	-	DELETED, Revision 5.	
3040-02	Anti-Ice Airframe Fuel Filter Warning Light	C	-	0	May be inoperative provided known and forecasted conditions for flight are OAT greater than +5 degrees C (41 degrees F).	

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31. INSTRUMENTS

JASC Code	Item	1	2	3	4	Change Bar
3100-01 ***	Garmin G500H Flight Display System	C	-	0	May be inoperative for other than night, unless item 3100-02 is installed and operational, then it may be inoperative for Night.	
3100-02 ***	ESI-2000 Electronic Standby Indicator	D	-	0	May be inoperative provided operation does not require its use.	
3100-03 ***	Enhanced Vision System (EVS)	D	-	0	May be inoperative provided operation does not require its use.	
3100-04 ***	Synthetic Vision System (SVS)	D	-	0	May be inoperative provided operation does not require its use.	
3110-05 *** (PL-121)	Electronic Flight Bag Systems (EFBs)					
	Class 3 EFBs	C	-	-	(O) May be inoperative provided alternate procedures are established and used. NOTE: Any function, program, or document which operates normally may be used.	
		D	-	0	May be inoperative provided procedures do not require its use.	
	Data Connectivity (Class 2)	C	-	-	(O) May be inoperative provided alternate procedures are established and used.	
		D	-	0	May be inoperative provided procedures do not require its use.	
***	Power Connection (Class 1 and 2)	C	-	-	(O) May be inoperative provided alternate procedures are established and used.	
		D	-	0	May be inoperative provided procedures do not require its use.	

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31. INSTRUMENTS (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3110-05 *** (PL-121) (Cont'd)	Mounting Device (Class 2)	C	-	0	(M)(O) May be inoperative provided: a) Associated EFB and hardware is secured by an alternate means or removed from the aircraft, and b) Alternate procedures are established and used.	
		D	-	0		
3120-01	Clock	C	-	-	As required by 14 CFR.	
3120-02	OAT Indicator	C	-	1	May be inoperative provided an approved alternate onboard OAT source is installed and operative.	
3120-03 ***	Hour Meter	D	-	-	(O) May be inoperative provided alternative means are utilized for recording time in service.	
3130-01 *** (PL-87)	Flight Data recorder Installed for a Holder of an Air Carrier or Commercial Operator Certificate					
	Flight Data Recorder (FDR) System	C	-	-	Any in excess of those required by 14 CFR may be inoperative.	
	Includes FDR Function of Combined Voice and Flight Data Recorder (CVFDR)	A	-	0	May be inoperative provided: a) Cockpit Voice Recorder (CVR) operates normally, and b) Repairs are made within 3 flight days.	
	Flight Data recorder Installed for Other than a Holder of an Air Carrier or Commercial Operator Certificate					
	FDR Recording Parameters Required by 14 CFR	C	-	1	Any in excess of those required by 14 CFR may be inoperative.	

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31. INSTRUMENTS (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3130-02	Usage Monitoring System (HUMS)	B	-	0	Relief moved to item 4500-01, Revision 5.	
3130-03	VEMD Screens (EC130 VMD Only)	B	2	1	(O) One may be inoperative provided the RFM procedures (VEMD screens failure) are complied with.	

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4. REMARKS OR EXCEPTIONS

32. LANDING GEAR

JASC Code	Item	1	2	3	4	Change Bar
3212-01 ***	Emergency Flotation System	C	-	-	As required by 14 CFR.	
3246-01 ***	Snow Skids	C	-	-	May be inoperative provided equipment is secured or both snow skis removed and landings on soft surfaces (i.e., mud or snow) are not conducted.	
3246-02 ***	Settling Protectors	C	-	-	May be inoperative provided equipment is secured or both settling protectors are removed and landings on soft surfaces (i.e., mud or snow) are not conducted.	

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33. LIGHTS

JASC Code	Item	1	2	3	4	Change Bar
3300-01 *** (PL-127)	NVG Compatible Lighting System	C	-	-	Unaided operation (without NVGs) may be permitted with inoperative NVG supplemental lights; cracked or missing filters; provided the remaining lights are: a) Sufficient to clearly illuminate all required instruments, controls, and other devices for which they are provided, b) Positioned so that direct rays are shielded from flightcrew members' eyes, and c) Lighting configuration and intensity is acceptable to the flightcrew.	
3310-01 (PL-77)	Cockpit/Flight Deck/ Flight Compartment and Instrument Lighting System(s)	C	-	-	Individual lights may be inoperative provided: a) Remaining Lighting Systems are sufficient to clearly illuminate all required instruments, controls, and other devices for which they are provided, b) Remaining Lighting Systems are positioned so that direct rays are shielded from flight crewmembers' eyes, and c) Lighting configuration and intensity is acceptable to the flight crew. NOTE 1: Individual button/switch lights and/or annunciations/ indications are excluded from this relief. NOTE 2: Unaided operation (without NVGs) may be permitted with inoperative NVG supplemental lights; cracked or missing filters.	

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33. LIGHTS (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3310-02	Cabin Lighting System	C	-	0	As required by 14 CFR.	
3310-03	Cockpit Utility Light	C	1	0	May be inoperative for Night provided: a) All normal flight deck lights are operative, and b) One flashlight as required by 14 CFR is readily available.	
		D	1	0	May be inoperative for other than Night.	
3310-04 ***	Supplemental Light System	D	-	0	May be inoperative.	
3320-01 *** (PL-125)	Equipment Relief Without Passengers 1) Interior Emergency Lighting 2) Exit Markings	C	-	0	(O) May be missing or inoperative provided: a) No passengers are carried, and b) Alternate procedures are established and used.	
3320-02 *** (PL-123)	Passenger Lighted Information Sign "FASTEN SEAT BELTS/ NO SMOKING"	C	-	-	(O) May be inoperative provided alternate procedures are established and used to notify cabin occupants.	
3320-03 ***	"FASTEN SEAT BELTS/ NO SMOKING" Light (Cockpit)	C	-	0	(O) One or more may be inoperative provided it is verified that the FASTEN SEAT BELTS and NO SMOKING sign in the cabin is operative or a procedure is used to notify passengers when the seat belts must be fastened and smoking is not allowed.	
***		D	-	0	Provided passengers are not carried.	
3330-01 ***	Baggage Compartment Lights	D	-	0	May be inoperative.	

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33. LIGHTS (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3340-01	Position Light System	C	-	0	As required by 14 CFR.	
3340-02	Anti-Collision Light System	C	-	0	As required by 14 CFR.	
3340-03	Landing Light	C	-	0	May be inoperative for other than Night.	
3340-04 ***	Strobe Light System	D	-	0	May be inoperative provided operations do not require its use.	
3340-05 ***	Pulse Lights	D	-	0	May be inoperative provided operations do not require its use.	
3340-06 ***	Storm Light System	D	-	0	May be inoperative provided thunderstorms/potentially hazardous weather conditions are unlikely to be encountered on the intended route of flight.	
3350-01 ***	Flashlight(s)	D	-	0	As required by 14 CFR.	

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34. NAVIGATION

JASC Code	Item	1	2	3	4	Change Bar
3412-01	OAT Indicator	C	-	0	Relief moved to item 3120-02, Revision 5.	
3413-01	Vertical Speed Indicator (VSI)	D	-	0	As required by 14 CFR.	
3414-01	Airspeed Indicator (Single Pilot Operations)	D	-	1	DELETED, Revision 5.	
3414-02	Airspeed Indicator (Two Pilot Operations)	D	-	2	DELETED, Revision 5.	
3416-01 ***	Altitude Encoding System	D	-	0	As required by 14 CFR.	
3416-02 ***	Altitude Alerting System	D	-	0	May be inoperative provide enroute operations do not require its use.	
3421-01 ***	Pitch and Bank Indicator	C	-	0	As required by 14 CFR.	
		D	-	0	May be inoperative.	
3422-01 ***	Direction Indicator	C	-	0	As required by 14 CFR.	
		D	-	0	May be inoperative.	
3424-01 ***	Rate of Turn Indicator	D	-	0	As required by 14 CFR.	
3424-02 ***	Slip Skid Indicator	C	-	0	As required by 14 CFR.	
		D	-	0	May be inoperative.	
3425-01 ***	Flight Director	D	-	0	May be inoperative.	
3431-01 ***	Localizer System	D	-	-	As required by 14 CFR.	
3432-01 ***	Glideslope System	D	-	0	As required by 14 CFR.	
3434-01 ***	Marker Beacon	D	-	0	As required by 14 CFR.	

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34. NAVIGATION (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3442-01	Secondary Surveillance Radar (SSR) Transponder	C	-	-	DELETED, Revision 5.	
3444-01 ***	Radar Altimeter System	C D	- -	0 0	As required by 14 CFR. May be inoperative provided: a) Night operation is not performed with NVGs, and b) Operating requirements do not require its use.	
3444-02	Radio/Radar Altimeter (With Audio Warning Installed)	C	-	0	DELETED, Revision 5.	
3444-03	Altimeter	C	1	0	DELETED, Revision 5.	
3444-04 ***	HTAWS Equipment	D	-	-	As required by 14 CFR.	

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34. NAVIGATION (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3445-01 *** (PL-32)	Traffic Alert and Collision Avoidance Systems (TCAS I)	B	-	0	(M) May be inoperative provided: a) System is deactivated and secured, and b) Enroute or approach procedures do not require its use.	
		C	-	0		(M) May be inoperative provided: a) Not required by 14 CFR, b) System is deactivated and secured, and c) Enroute or approach procedures do not require its use.

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34. NAVIGATION (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3445-01 *** (PL-32) (Cont'd)	Traffic Alert and Collision Avoidance System (TCAS II)	B	-	0	(M) May be inoperative provided: a) System is deactivated and secured, and b) Enroute or approach procedures do not require its use.	
		C	-	0	(M) May be inoperative provided: a) Not required by 14 CFR, b) System is deactivated and secured, and c) Enroute or approach procedures do not require its use.	
	1) Combined Traffic Alert (TA) and Resolution Advisory (RA) Dual Display System(s)	C	2	1	May be inoperative on the non-flying pilot side provided: a) TA and RA visual display is operative on flying pilot side, and b) TA and RA audio function is operative on flying pilot side.	
	2) Resolution Advisory (RA) Display System(s)	C	2	1	May be inoperative on the non-flying pilot side.	
		C	-	0	(O) May be inoperative provided: a) Traffic Alert (TA) visual display and audio functions are operative, b) TA only mode is selected by the crew, and c) Enroute or approach procedures do not require its use.	
	3) Traffic Alert Display System(s)	C	-	0	(O) May be inoperative provided: a) RA visual display and audio functions are operative, and b) Enroute or approach procedures do not require its use.	
	4) Audio Functions	B	1	0	May be inoperative provided enroute or approach procedures do not require use of TCAS.	
***	5) Airspace Selection Function	C	-	0		

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34. NAVIGATION (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3451-01 *** (PL-03)	Distance Measuring Equipment (DME) Systems	D	-	-	Any in excess of those required by 14 CFR may be inoperative.	
3452-01 (PL-76)	ATC Transponders and Automatic Altitude Reporting Systems	B	-	0	May be inoperative provided: a) Operations do not require its use, and b) Prior to flight, approval is obtained from ATC facilities having jurisdiction over the planned route of flight.	
	1) Elementary and Enhanced Downlink Aircraft Reportable Parameters Not Required by 14 CFR	D	-	1	Any in excess of those required by 14 CFR may be inoperative.	
	A	-	0	May be inoperative provided: a) Operations do not require its use, and b) Repairs are made prior to completion of next scheduled maintenance visit.		
***	2) ADS-B Squitter Transmissions	D	-	0	May be inoperative provided operations do not require its use.	
	C	-	0	(O) May be inoperative provided alternate procedures are established and used.		
				NOTE: Any ADS-B Out function that operates normally may be used.		

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34. NAVIGATION (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3452-02 (PL-105)	Automatic Dependent Surveillance-Broadcast (ADS-B) System	D	-	0	May be inoperative provided it is not required by 14 CFR. NOTE: If ADS-B is installed in lieu of or as a replacement for 14 CFR required equipment, repair category in the operator's MEL will be same as that of 14 CFR required equipment.	
	1) Cockpit Display and Traffic Information (CDTI)	D	-	0	NOTE: Cockpit Display Traffic of Information (CDTI) display of data from other aircraft systems may be used.	
	2) CDTI Control Panel	D	-	0	May be inoperative provided: a) Flight ID can be set, and b) Screen display is acceptable to the flightcrew.	
	3) Data Link Transmitter(s)	D	-	0	NOTE: In some aircraft, the Data Link transmission is an integral part of transponder, and relief is provided in that section.	
	4) Data Link Receivers	D	-	0		
	5) ADS-B Applications	D	-	0		

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34. NAVIGATION (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3454-01 ***	VOR System	D	-	0	As required by 14 CFR.	
3455-01 ***	ADF System	D	-	0	As required by 14 CFR.	
3457-01 ***	Global Positioning System (GPS)	D	-	0	As required by 14 CFR.	
3457-02 ***	GPS Terminal Procedures Database (i.e., Garmin's Chartview)	D	-	0	(O) May be inoperative or out of date provided required information is derived from current aeronautical data sources, and operations do not require its use.	
3457-03 ***	GPS Aviation Database	D	-	0	(O) May be inoperative or out of date provided required information is derived from current aeronautical data sources, and operations do not require its use.	
3457-04 ***	GPS Obstacle Database	D	-	0	(O) May be inoperative or out of date provided required information is derived from current aeronautical data sources, and operations do not require its use.	
3457-05 ***	GPS Airport information Database (i.e., Garmin's SafeTaxi)	D	-	0	(O) May be inoperative or out of date provided required information is derived from current aeronautical data sources, and operations do not require its use.	
3457-06 ***	GPS Navigation Database	D	-	0	(O) May be inoperative or out of date provided required information is derived from current aeronautical data sources, and operations do not require its use. NOTE: Approach procedures are not permitted, and all frequencies must be tuned in manually.	
3457-07 ***	Garmin GTN (GPS) 6XX/7XX Navigation System	D	-	0	May be inoperative provide en route operations do not require its use.	

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34. NAVIGATION (Cont'd)

JASC Code	Item	1	2	3	4	Change Bar
3457-08 ***	RNAV System	D	-	0	May be inoperative.	
3457-09 ***	XM Weather	D	-	0	May be inoperative.	
3457-10 ***	Weather Radar/ Thunderstorm Detection Equipment	D	-	0	As required by 14 CFR.	
3461-01 *** (PL-98)	Flight Management System (FMS) 1) Navigation Database	C	-	-	(O) May be out of currency provided: a) Current Aeronautical Charts are used to verify Navigation Fixes prior to dispatch, b) Procedures are established and used to verify status and suitability of Navigation Facilities used to define route of flight, and c) Approach Navigation Radios are manually tuned and identified.	
***	Navigation Management System 1) Navigation Database	C	-	-	(O) May be out of currency provided: a) Current Aeronautical Charts are used to verify Navigation Fixes prior to dispatch, b) Procedures are established and used to verify status and suitability of Navigation Facilities used to define route of flight, and c) Approach Navigation Radios are manually tuned and identified.	

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35. OXYGEN

JASC Code	Item	1	2	3	4	Change Bar
3510-01 ***	Oxygen System and Masks (Crew and Passengers)	C	-	0	As required by 14 CFR.	
		D	-	0	May be inoperative.	

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45. CENTRAL MAINTENANCE SYSTEM

JASC Code	Item	1	2	3	4	Change Bar
4500-01 ***	Health and Usage Monitoring System (HUMS)	C	-	0	May be inoperative.	

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52. DOORS

JASC Code	Item	1	2	3	4	Change Bar
5210-01 ***	Pneumatic Door Opening System (212, 412)	D	-	0	May be inoperative or missing provided the door retention strap is installed.	
5270-01 ***	Door Caution/Warning System	C	1	0	(O) May be inoperative provided a visual check verifies that the door(s) are closed and latched prior to flight.	

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62. MAIN ROTOR

JASC Code	Item	1	2	3	4	Change Bar
6240-01 ***	Digital Nr Indication	A	1	0	Relief moved to item 6300-01 (Digital Nr Indication), Revision 5.	

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63. MAIN ROTOR DRIVE

JASC Code	Item	1	2	3	4	Change Bar
6300-01	Digital Nr Indication	A	1	0	May be inoperative provided: a) Analog Nr indication is operative, b) The aircraft does not takeoff unless for the purpose to return directly to a base where repairs or replacements can be made.	
6320-01 ***	Main Gear Box Chip Detection Warning System	C	-	0	(M) May be inoperative provided: a) System is disabled to prevent erroneous cockpit indications, and b) Magnetic plug is checked for particles before first flight of the day.	
6321-01	Rotor Brake System	C	1	0	(M) May be inoperative provided: a) A check is performed to determine the rotor brake disk is free, b) Rotor brake system is deactivated and secured, c) For rotor stopping, aircraft should be directed with a headwind below 30 knots, and d) Wait for full rotor shutdown before exiting the aircraft.	

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65. TAIL ROTOR DRIVE

JASC Code	Item	1	2	3	4	Change Bar
6520-01 ***	Tail Rotor Gearbox Chip Detection Warning Light	C	-	0	(O) May be inoperative provided: a) System is disabled to prevent erroneous cockpit indications, and b) Magnetic plug is checked for particles before first flight of the day.	

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71. POWERPLANT

JASC Code	Item	1	2	3	4	Change Bar
7160-01 ***	Engine Air Sand Filter System	D	-	0	May be inoperative provided the flight is not conducted in sand-laden atmosphere.	

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72. TURBINE/TURBOPROP ENGINE

JASC Code	Item	1	2	3	4	Change Bar
7200-01	Engine Data Recorder (EDR) (Ariel 2D Engine Only)				Relief moved to item 7700-01 (Engine Data Recorder (EDR)), Revision 5.	

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77. ENGINE INDICATING

JASC Code	Item	1	2	3	4	Change Bar
7700-01	Engine Data Recorder (EDR) (Ariel 2D Engine Only)	A	1	0	(O) May be inoperative for 200 flight-hours provided engine cycles and usage have to be reported manually in the engine log book.	
7720-01 ***	Tail Rotor Gear Box Chip Detection Warning Light	C	-	0	Relief moved to item 6520-01, Revision 5.	
7722-01	Digital N _r Indication	A	1	0	(O) May be inoperative provided: <ul style="list-style-type: none"> a) The Flight Manual Section 3 procedures (Digital N_r indication failure) are respected, and b) The aircraft does not takeoff unless the purpose is to join directly to a base where repairs or replacements can be made. 	