



U.S. Department of Transportation  
Federal Aviation Administration  
Washington, DC

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# Master Minimum Equipment List (MMEL)

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Revision: 10  
Date: 04/27/2018

## **Textron Aviation Model 300 300 (including FF Serials), 300LW, B300, B300C, B300C (MC-12W, UC-12W)**

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AIRCRAFT:

Textron Aviation Model 300

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HIGHLIGHTS OF CHANGE			

The following changes are the Highlights of Changes for **Revision 10**. It is the result of a public Flight Operations Evaluation Board (FOEB) meeting.

PAGE/ATA NO.	EXPLANATION OF CHANGE
Rev 10	Revision 10 is a complete re-issuance of the MMEL for the King Air 300 airplane.
Guidelines for (M) & (O)	The Guidelines for (M) & (O) Procedures has been updated to provide guidance only for those STCs not owned or supported by Textron Aviation.
ATA 21	
-00-01	Relocated Annunciators to ATA 31.
-00-02	Relocated Annunciators to ATA 31.
-00-03	Relocated Annunciators to ATA 31.
-00-04	Relocated Annunciators to ATA 31.
-00-05	Relocated Annunciators to ATA 31.
-01-01	Renumbered.
-01-02	Renumbered.
-01-03	Renumbered.
-01-04	Renumbered.
-10-01	Split relief into sub-items for Pressurized/Unpressurized and Occupied /Un-occupied aircraft.  Sub-item -01: amended relief to be applicable to aircraft systems and 14 CFR operating rule operating rules. Remove (O) as operating restriction is listed in proviso.  Sub-item -02: added relief for unpressurized operations without cabin occupants.
-20-01	Sub-item -01: amended for annunciator nomenclature. Sub-item -02: amended language.
-21-01	Renumbered
-30-01	Renumbered. Removed (O). Amended relief to direct operators back to pressurization relief.
-30-02	Renumbered. Split into sub-items  Sub-item -01: de-capitalized wording.  Sub-item -02: Removed (O) and directed operators to pressurization relief.

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## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
-32-01	Renumbered. Split relief into sub-items.  Sub-item -03: removed (O) and directed operators to pressurization relief.
-32-02	Combined relief for outflow/safety valves into one item. Amended (M) procedure to remove or secure affected valve.
-40-00	Renumbered. Added (***) to show this as optional equipment. Amended Repair Category to D to reflect optional equipment status.
-40-01	Renumbered
-60-00	Renumbered
-62-00	Renumbered
ATA 22	
-10-01	Amended relief by changing the (M) requirement to an (O) and amended the first proviso from system deactivation to system not used.  Amended the Remarks to include considerations for enroute and approach concerns and added restrictions for single pilot operations.
-10-02	Split relief into sub-items. Sub-items organized between factory installations and STC.  Removed (M) for all items.
-10-03	Renumbered and split into sub-items.  Amended altitude limit in the parent relief to AFM Limitations.  Sub-item 2 – Removed (M).
-13-00	Split relief into sub-items.  Sub-item -01 - Added (O) for verification of functioning autopilot.
ATA 23	
-00-00	Renumbered.  Changed repair category to D for optional item.
-00-01	Renumbered and combined SATCOM with Flight Phone.
-10-01	Split relief into sub-items.

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## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
-12-01	Amended relief to exclude VHF 1 from relief as per PL-095. Sub-item -01 added for system functionality.
-12-02	Deleted.
-20-02	Revised SELCAL relief for simplification and standardization.
-40-01	Deleted.
-40-02	Separated relief to isolate systems and removed (O). Removed (O) as this system is intended for maintenance actions.
-40-03	Renumbered.
-40-04	Renumbered relief. Changed to D relief and removed proviso as BE-300 aircraft are not subject to PL-09.
-40-05	Removed first proviso as PA system is not required.
-40-06	Renumbered. Amended relief to remove the requirement for the PA system to be operative.
-50-01	Split relief into sub-items.
-50-02	Renumbered and split into sub-items. Amended language of relief items only for standardization. No content amended.
-50-03	Updated to PL-58.
-50-04	Added relief for the audio only function of headsets.
-60-01	Removed "discharge" from Item Name.
-70-01	Revised relief titles for clarity only. No content changes.
ATA-24	
-00-01	Relocated to ATA 31.
-00-02	Relocated to ATA 31.
-00-03	Relocated to ATA 31.
-00-04	Relocated to ATA 31.

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## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
-00-05	Renumbered.
-30-00	Renumbered and revised proviso item b) for correct annunciator nomenclature.
ATA-25	
-00-01	Add relief for required documents holder.
-00-02	Changed (M) to and (O) as the Curtains/Doors can be secured without maintenance. Revised both sub-items to secure the affected Curtain/Doors in the placarded taxi, takeoff and landing position.
-00-03	Renumbered.
-10-01	Amended repair category to D to and added (***) to reflect optional equipment.
-10-03	Changed from C to D relief.
-10-04	Renumber sub-items. Added relief for sub-items -04, -05, & -06.
-20-00	Renumbered and added NOTE as per PL-79 limited to taxi, takeoff, and landing. Sub-items -01, -02, & -03: Reworded provisos.
-20-01	Renumbered.
-20-02	Add relief for electric window shades.
-30-00	Combined with -50-01.
-40-00	Amended relief to be more restrictive. (AD not applicable to Part 23 aircraft).
-40-01	Moved to ATA 31.
-40-10	Combined with 25-40-00.
-50-00	Renumbered, changed relief category for Part 23 aircraft and Split into sub-items.
-50-01	Renumbered.
-50-02	Renumbered.
-60-04	Added relief.
-61-00	Combined Life Preserver and Floatation relief.
-62-01	Revised proviso to concur with PL-120.

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## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
ATA 26	
-12-01	Deleted relief
-20-01	Separated safety wire from parent relief. Amended language in proviso item a) for readability. Sub-item -01: Granted relief for up to three flight days for broken safety wire.
-22-01	Added requirement in proviso that cockpit fire extinguisher be installed and operative.
ATA 27	
-21-00	Renumbered and Combined Rudder and Aileron Trim Indicator relief.
-30-00	Sub-item -02: Moved annunciator to ATA 31. Sub-item -03: Combined with Electric Elevator Trim System.
ATA 28	
-22-00	Amended relief to require Engine Driven Fuel Pumps be operative.
-23-01	Moved annunciator to ATA 31.
-41-00	Amended relief to be more restrictive by limiting flight time and distance from suitable airports.
-41-01	Renumbered.
ATA 30	
-00-10	Renumbered.
-00-20	Ice Vane Annunciation moved to ATA 31. Renumbered Stall Warning Heat.
-10-00	Renumbered.
-10-20	Moved to ATA 31.
-20-01	Removed (O) and restricted relief to AFM Limitation for icing conditions. Split relief into sub-items.
-30-01	Split relief into sub-items.
-40-10	Added (M) and requirement to deactivate Windshield Heat System.

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## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
-60-01	Renumbered.
ATA 31	
-00-10	Renumbered.
-00-20	Deleted.
-20-00	Renumbered and rephrased proviso.
-20-10	Amended language in proviso.
-30-01	Split relief into sub-items and rephrased provisos from PL slightly to apply to BE-300 aircraft.
-40-01	Renumbered and rephrased item/proviso for clarity.
-40-10	Moved to ATA 46.
-40-11	Moved to ATA 46.
-40-12	Moved to ATA 46.
-50-01	<p>Relocated all annunciator relief into ATA 31. Split into sub-items.</p> <p>All titles amended to proper nomenclature. Relief amended beyond that is listed below.</p> <p>Organized relief into color (Red, Amber, Green, Cyan, White).</p> <p>Sub-items:</p> <ul style="list-style-type: none"> <li>-01-01: Amended relief to AFM Limitations.</li> <li>-01-02: Removed (O) and tied relief to pressurization relief.</li> <li>-02: Removed (O) and tied relief to pressurization relief.</li> <li>-03: Reworded proviso.</li> <li>-11: Changed (M) to (O) and amended relief to verify proper voltage.</li> <li>-18: Added (O) for verification of fuel crossfeed.</li> <li>-19-01: Amended relief to AFM Limitations.</li> <li>-23-01: Amended relief to AFM Limitations.</li> <li>-23-03: Removed (O) and tied relief to pressurization relief.</li> <li>-24: Amended relief and tied to Cabin Door Warning System relief.</li> <li>-25: Amended relief and tied to Cabin Door Warning System relief</li> </ul>

## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
-50-02	<p>Relocated all CAS Message relief into ATA 31. Split into sub-items.</p> <p>All titles amended to proper nomenclature. Relief amended beyond that is listed below.</p> <p>Organized relief into color (Red, Amber, Green, Cyan, White)</p> <p>Sub-items:</p> <ul style="list-style-type: none"> <li>-01-01: Amended relief to AFM Limitations.</li> <li>-01-02: Removed (O) and tied relief to pressurization relief.</li> <li>-02: Removed (O) and tied relief to pressurization relief.</li> <li>-09: Reworded proviso to reference (O) procedure.</li> <li>-10: Reworded proviso to reference (O) procedure.</li> </ul>
-50-03	Combined relief and renumbered.
ATA 32	
-00-10	Renumbered.
-30-01	Moved to ATA 31.
-40-01	Renumbered and rephrased proviso slightly.
-40-02	Renumbered and split into sub-items.
-41-01	Revised wording in proviso (d) slightly.
-60-01	Moved to ATA 31.
-60-02	Renumbered.
ATA 33	
-10-01	<p>Amended title to restrict types of lighting allowed to defer.</p> <p>Split relief into sub-items and removed night proviso as per PL.</p>
-20-01	<p>Renumbered.</p> <p>Amended title to restrict cabin emergency lights.</p> <p>Split relief into sub-items for occupied and unoccupied cabin.</p>
-20-02	Renumbered.

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## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
-20-03	Renumbered. Revised title for cabin interior configuration applicability. Split relief into Occupied and Unoccupied Cabin.
-30-01	Renumbered.
-40-00	Renumbered.
-40-20	Split relief into sub-items.
-40-40	Rephrased item and proviso verbiage.
-40-50	Rephrased item and proviso. One (1) required for dispatch.
-40-70	Split relief into sub-items.
-41-21	Added relief for STC holder.
ATA 34	
-00-01	Renumbered, combined VHF navigation systems under one parent item and reworded proviso.
-13-00	Renumbered and split relief into sub-items.
-14-00	Renumbered and split relief into sub-items.
-16-02	Renumbered and changed proviso to agree with PL-039, non-turbojet.
-21-02	Renumbered.
-21-03	Renumbered and changed naming convention.
-22-01	Renumbered.
-23-00	Deleted.
-23-01	Split into sub-items.
-24-00	Retitled item for clarity, split into sub-items, and removed requirement for SIC in first proviso.
-24-01	Renumbered and rephrased proviso (b) for clarity.
-25-01	Renumbered and split into sub-items.
-25-02	Renumbered and added relief for some of the AFD system functions.
-25-03	Renumbered. Sub-item -01: Removed "or out of currency" per PL-098.

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## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
-25-04	Deleted.
-34-00	Renumbered and amended relief to remove redundant statement.
-41-00	Deleted.
-42-00	Combined Weather Radar and Thunderstorm Detection equipment and split into sub-items.  Deleted sub-item -03. This is not an available feature.
-44-00	Sub-item -44-00-01-05: Removed second proviso as Predictive Windshear is not applicable to BE-300.  Renumbered and split relief into sub-items
-44-01	Renumbered and split relief into sub-items.
-44-02	Added relief as per PL-032.
-44-03	Renumbered and reworded proviso slightly.
-44-04	Renumbered and split relief into sub-items.  Sub-item -01: Revised proviso to add deactivation to drive (M) procedure and consider TAWS/GPWS inoperative.  Sub-item -02: Deleted due Radar Altimeter affects TCAS, TAWS, and GPWS.
-45-00	Renumbered and split relief into sub-items.
-45-10	Renumbered and split relief into sub-items.
-50-10	Split relief into sub-items.  Sub-item -01: amended relief.  Sub-item -02: amended relief.  Sub-item -03: Deleted.
-51-00	Renumbered.
-51-01	Renumbered and split relief into sub-items.
-51-02	Renumbered and amended relief.
-52-01	Updated relief to current Policy Letter.
-52-02	Renumbered, split into sub-items, and added provisos for clarity.

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## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
-52-10	Updated relief to current Policy Letter.
-60-00	Renumbered and added proviso for clarity.
-60-10	Renumbered and split relief into sub-items.
ATA 35	
-20-00	Split relief into sub-items. Revised titles of sub-items to reflect Occupied and Unoccupied Cabin.
ATA 38	
-10-00	Amended repair category to D, removed (M) procedure and amended proviso.
-30-00	Combined proviso, removed (M) procedure, and reworded proviso.
ATA 46	
-00-01	Renumbered. Added triple asterisk (***) to title and re-worded notes. Split into sub-items.
-10-00	Renumbered and changed wording in notes.
-10-10	Renumbered.
-10-30	Added New relief.
-40-11	Moved from ATA 31.
-40-12	Moved from ATA 31.
ATA 49	
-00-01	Deleted.
ATA 52	
-10-01	Renumbered.
-10-02	Renumbered.
-10-03	Renumbered.
-10-04	Added New Relief.
-30-00	Added New Relief.

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## HIGHLIGHTS OF CHANGE

PAGE/ATA NO.	EXPLANATION OF CHANGE
-70-01	Moved Annunciator relief to ATA 31. Renumbered Cabin Door Warning System. Added (O) for verification of properly closed door.
-70-02	Moved Annunciator relief to ATA 31. Renumbered Cabin Door Lock and Latch Light System.
ATA 55	
-20-00	Added relief.
ATA 57	
-40-00	Added relief.
ATA 61	
-23-01	Moved to ATA 31.
ATA 71	
-31-01	Added relief.
ATA 73	
-31-01	Revised proviso to reference (M) procedure.
ATA 74	
-00-01	Moved to ATA 31.
ATA 79	
-30-01	Moved to ATA 31.

U.S. DEPARTMENT OF TRANSPORTATION		MASTER MINIMUM EQUIPMENT LIST	
FEDERAL AVIATION ADMINISTRATION			
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DEFINITIONS			

The required definitions are listed in MMEL Policy Letter 25. Additional definitions may be included in an operators MEL as desired. Revision of PL-025 does not require revision to the operator's MEL. Applicable 14 CFR operating rule references are listed in Appendix A of PL-25. It is the responsibility of the operator to determine which 14 CFR operating rules are appropriate for their operation.

PREAMBLE
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The applicable preamble must be inserted in the operator's MEL from current FAA Policy Letter PL-34 or Policy Letter PL-36.

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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 recommended procedures are published the operator should comply with these procedures. If recommended procedures are not published, the following guidelines delineate the aspects to be considered by the operator in the development of required procedures.

Textron Aviation has developed recommended (M) maintenance and (O) operational procedures for the Textron Aviation BE 300 Master Minimum Equipment List (P/N BPM300-10-00, or later revision). Operator's MEL procedures should be based on these procedures.

Additional Guidelines for (M) & (O) procedures for STC products not supported by Textron Aviation will be listed.

SEQUENCE NO.	PROCEDURE
25-50-03  Wing Locker Door Gas Spring  (Raisbeck Engineering STC only)	(O) Operational procedure to make sure the affected locker closes with no obstruction.
32-41-01  Anti-Skid Braking System  (STC# SA03275CH)	(M) Maintenance procedure to disable the LH and RH antilock brake systems, to verify brake fluid reservoir is within normal range, and to check integrity of the associated system for no brake fluid leaks.  (O) Operational procedure to verify braking action prior to aircraft operation.
70-02 Active Noise Canceling System (STC SA483CH)	(M) Maintenance procedure to deactivate Active Noise Canceling System.

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**MMEL TABLE KEY**

SYSTEM &  
SEQUENCE  
NO.

ITEM

1. REPAIR CATEGORY

2. NUMBER INSTALLED

3. NUMBER REQUIRED FOR DISPATCH

4. REMARKS OR EXCEPTIONS

**21. AIR CONDITIONING**

Sequence No.	Item	1	2	3	4	Change Bar
-00-01	Cabin Altitude Annunciator System (White) (CABIN ALTITUDE) (B300 & B300C Only) (Except Proline FUSION)				MOVED TO ATA 31 REV 10.	
-00-02	Cabin Altitude Annunciation (Red) (ALT WARN) or (CABIN ALT HI) (Cabin Alt High) CAS				MOVED TO ATA 31 REV 10.	
-00-03	Cabin Differential High Annunciation (Red) (CABIN DIFF HI) (Cabin Diff High) CAS (B300 & B300C Only)				MOVED TO ATA 31 REV 10.	
-00-04	Bleed Air Off Annunciation System (Amber) (L or R BL AIR OFF) (L or R Bleed Air Off) CAS				MOVED TO ATA 31 REV 10.	
-00-05	Bleed Air Fail Annunciator System (L or R BLEED FAIL) (L or R BLEED AIR FAIL) CAS (B300 & B300C Only) (Illuminates or Fails to Illuminate)				MOVED TO ATA 31 REV 10.	
-01-01	Auxiliary Air Conditioner (FF-Serials Only)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided mission equipment rack temperature is monitored and turned OFF if temperature reaches 35 degrees C.	

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**MMEL TABLE KEY**

SYSTEM & SEQUENCE NO.	ITEM	1. REPAIR CATEGORY			
		2. NUMBER INSTALLED			
		3. NUMBER REQUIRED FOR DISPATCH			
		4. REMARKS OR EXCEPTIONS			

**21. AIR CONDITIONING**

Sequence No.	Item	1	2	3	4	Change Bar
-01-02	Vapor Cycle Air Conditioning System	C	1	0	(M) May be inoperative provided system is deactivated.	
-01-03 ***	Ground Air Cooling System	D	1	0	(M) May be inoperative provided system is deactivated.	
-01-04 ***	Auxiliary Evaporator (FF Serials only)	C	1	0	May be inoperative provided Auxiliary Air Conditioner is not used.	
-10-01	Cabin Pressurization System					
-01		C	1	0	(O) May be inoperative provided: a) CABIN PRESS switch is selected to DUMP and verified operative, b) Aircraft is operated at 12,000 feet cabin pressure altitude or below, and c) Oxygen system is used as required by 14 CFR operating rule.  NOTE 1: When 300/300LW cabin pressure altitude reaches 12,000 to 12,500 feet, an "ALT WARN" (red) annunciator will illuminate.  NOTE 2: When B300/B300C pressure altitude reaches approximately 10,000 feet, the CABIN ALTITUDE (white) annunciator will illuminate. When the cabin pressure altitude exceeds 11,500 to 12,000 feet, a "CABIN ALT HI" (red) annunciator will illuminate.	

(Continued)

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**MMEL TABLE KEY**

SYSTEM &  
SEQUENCE  
NO.

ITEM

1. REPAIR CATEGORY

2. NUMBER INSTALLED

3. NUMBER REQUIRED FOR DISPATCH

4. REMARKS OR EXCEPTIONS

**21. AIR CONDITIONING**

Sequence No.	Item	1	2	3	4	Change Bar
-10-01	Cabin Pressurization System (Cont'd)					
-02		C	1	0	(M) (O) May be inoperative provided: a) No cabin passengers are carried, b) CABIN PRESS switch is selected to DUMP and verified operative, c) Pull the OXY circuit breaker to disarm the passenger oxygen valve, d) Aircraft is operated at FL 250 or below, and e) Flight crew oxygen system is used as required by 14 CFR operating rule.  NOTE 1: When 300/300LW cabin pressure altitude reaches 12,000 to 12,500 feet, an "ALT WARN" (red) annunciator will illuminate.  NOTE 2: When B300/B300C pressure altitude reaches approximately 10,000 feet, the CABIN ALTITUDE (white) annunciator will illuminate. When the cabin pressure altitude exceeds 11,500 to 12,000 feet, a "CABIN ALT HI" (red) annunciator will illuminate.	

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**MMEL TABLE KEY**

SYSTEM & SEQUENCE NO.	ITEM	1. REPAIR CATEGORY	
		2. NUMBER INSTALLED	
		3. NUMBER REQUIRED FOR DISPATCH	
		4. REMARKS OR EXCEPTIONS	

**21. AIR CONDITIONING**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-20-01</b>	Environmental Bleed Air Systems					
<b>-01</b>		<b>C</b>	<b>2</b>	<b>1</b>	(O) One may be inoperative provided: a) Environmental bleed air valve on inoperative side is verified closed prior to each flight, b) L or R BL AIR OFF amber annunciator is operative on the operative bleed air source, and c) Aircraft is operated at or below Flight Level 250.	
<b>-02</b>		<b>C</b>	<b>2</b>	<b>0</b>	(O) May be inoperative provided: a) Cabin pressurization system is considered inoperative, and b) Both environmental bleed air valves are verified CLOSED prior to each takeoff.	
<b>-21-01</b>	Aft Blower System	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aft heat system is considered inoperative.	

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**21. AIR CONDITIONING**

Sequence No.	Item	1	2	3	4	Change Bar
-30-01	Differential Pressure/Cabin Altitude Indicator					
-01		C	1	0	May be inoperative provided cabin pressurization system is considered inoperative.	
-30-02	Cabin Rate of Climb Indicator					
-01		C	1	0	May be inoperative for pressurized flight provided differential pressure/cabin altitude indicator is operative.	
-02		C	1	0	May be inoperative provided cabin pressurization system is considered inoperative.	

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**21. AIR CONDITIONING**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-32-01</b>	Cabin Altitude Warning Horn System (B300 & B300C Only)					
<b>-01</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided the aircraft is operated at or below 10,000 feet MSL.	
<b>-02</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided CABIN ALTITUDE (White) and CABIN ALT HI (Red) annunciators are both operative.	
<b>-03</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided cabin pressurization system is considered inoperative.	
<b>-04</b>	Cabin Altitude Warning Horn Cancel Switch	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided airplane is operated at or below 10,000 feet MSL.	
<b>-32-02</b>	Safety/Outflow Valve	<b>C</b>	<b>1</b>	<b>0</b>	(M) May be inoperative provided: a) Affected valve is removed, or secured open and b) Cabin pressurization system is considered inoperative.	

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**21. AIR CONDITIONING**

Sequence No.	Item	1	2	3	4	Change Bar
-40-00 ***	Aft Heat System	D	1	0	(M) May be inoperative provided system is deactivated.	
-40-01	Electric Heat System	D	1	0	(M) May be inoperative provided system is deactivated.	
-60-00	Environmental Temperature Control System	C	1	0	(O) May be inoperative provided: a) Cabin pressurization system is considered inoperative, b) Both environmental bleed air valves are verified closed prior to each flight, and c) Cabin temperatures remain suitable for operation.	
-01	Automatic Function	C	1	0	May be inoperative provided the Manual function is operative.	
-02	Manual Function	C	1	0	May be inoperative provided the Automatic function is operative.	
-62-00	Cabin Temperature Indicator System	C	1	0		

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**22. AUTOFLIGHT**

Sequence No.	Item	1	2	3	4	Change Bar
-10-01	Autopilot System (Collins Pro-Line 21 and Fusion)	C	-	0	(O) May be inoperative provided: a) Enroute procedures and approach minimums do not require use of autopilot system, b) Aircraft is not operated single-pilot, c) Autopilot is not used and AP button is not selected on the FGP, d) Rudder boost system is verified operative prior to each takeoff in accordance with the airplane flight manual, and e) Aircraft is not operated RVSM.	
-01	Autopilot Mode Control Panel Switch Indicator Lamps (Collins FCS-65 Only)	C	-	0	(O) May be inoperative provided the affected mode(s) is/are selected momentarily prior to departure to verify that proper mode annunciation is displayed on the pilot's EFIS display or mode annunciator panel.	
-02	Autopilot Mode Annunciator Panel Lamps (Collins FCS-65 Only)	C	-	0	(O) May be inoperative provided the affected mode(s) is/are selected momentarily prior to departure to verify that proper mode annunciation is displayed on the pilot's EFIS display.	

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**22. AUTOFLIGHT**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-10-02</b>	Yaw Damper					
<b>-01</b>	(B300, B300C)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aircraft is operated at or below 5,000 feet MSL.	
<b>-02</b>	(300, 300LW)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided Aircraft is operated at or below 11,000 feet MSL.	
<b>-03</b>	(Raisbeck Engineering Dual Aft Body Strakes) (STC SA5151NM)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aircraft is operated at or below 19,000 feet MSL.	
<b>-04</b>	(Raisbeck Engineering Dual Aft Body Strakes) (STC SA4733NM)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aircraft is operated at or below 18,500 feet MSL.	
<b>-10-03</b>	Autopilot Control Wheel Disconnect Switches (AP/YD/RB/TRIM DISC)	<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative on the non-flying pilot side provided: a) Autopilot is not used below AFM Limitations, and b) Approach minimums do not require the use of the autopilot.	
<b>-01</b>		<b>B</b>	<b>-</b>	<b>0</b>	May be inoperative provided: a) Autopilot is considered inoperative, and b) Second level switch trim interrupt function remains operative.	
<b>-02</b>		<b>B</b>	<b>-</b>	<b>0</b>	May be inoperative provided: a) Autopilot is considered inoperative b) Electric elevator trim is considered inoperative, and c) Yaw Damper is considered inoperative.	

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**22. AUTOFLIGHT**

Sequence No.	Item	1	2	3	4	Change Bar
-10-04	Autopilot/Flight Director Go-Around Button	C	1	0	(O) May be inoperative provided: a) Approach minimums do not require its use, and b) Alternate procedures are established and used to disconnect the autopilot and establish initial pitch and wings level attitude.	
-13-00	Flight Director System					
-01		C	-	0	(O) May be inoperative provided: a) Autopilot is verified operative, and b) Approach procedures do not require use of flight director.	
					NOTE: Any operative mode may be used.	
-02		C	-	0	May be inoperative provided: a) Autopilot is considered inoperative, b) Approach procedures do not require use of flight director, and c) Aircraft is not operated RVSM.	
-13-01	Flight Director Mode Control Panel Switch Indicator Lamps (Collins FCS-65 Only)	C	-	0	(O) May be inoperative provided the affected mode(s) is/are selected momentarily prior to departure to verify that proper mode annunciation is displayed on the pilot's EFIS display or mode annunciator panel.	
-13-02	Flight Director Mode Annunciator Panel Lamps (Collins FCS-65 Only)	C	-	0	(O) May be inoperative provided the affected mode(s) is/are selected momentarily prior to departure to verify that proper mode annunciation is displayed on the pilot's EFIS display.	

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**23. COMMUNICATIONS**

Sequence No.	Item	1	2	3	4	Change Bar
-00-00 ***	Ground Communication Power System	D	1	0		
-00-01 ***	Flight Phone / SATCOM System	D	-	0	May be inoperative provided procedures do not require its use.	
-01	Cockpit Handset	D	-	0	May be inoperative provided procedures do not require its use.	
-02	Cabin Handset	D	-	0		
-10-01 ***	High Frequency (HF) Communication System					
-01	(Dual Long Range Communication Systems not required)	D	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative.	
-02	(Dual Long Range Communication Systems required)	C	-	1	(O) May be inoperative while conducting operations which require two long-range communication systems (LRCS) provided: a) Aircraft SATVOICE system operates normally, b) SATVOICE services are available as a LRCS over intended route of flight, c) ICAO flight plan is updated, as required, to notify ATC of communications equipment status of aircraft, and d) Alternate procedures are established and used.	

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**23. COMMUNICATIONS**

Sequence No.	Item	1	2	3	4	Change Bar
-12-01	Very High Frequency (VHF & UHF) Communication System	D	-	1	Any in excess of those required by 14 CFR operating rule may be inoperative provided VHF 1 operates normally.	
-01 ***	VHF Datalink (VDL)	D	-	0	May be inoperative provided procedures do not require its use.	
-12-02	VHF Interference Cancellor (FF-serials only)				Deleted REV 10.	
-20-02 ***	Selective Call (SELCAL) (System or individual channel)					
--01	(SELCAL not required)	D	-	0	May be inoperative provided procedures do not require its use.	
-02	(SELCAL required)	C	-	0	(O) May be inoperative provided alternate procedures are established and used.	
-30-01 ***	Airborne Flight Information System (AFIS)	D	1	0		
-40-01	Cabin Interphone System (FF-serials Only)				Deleted REV 10.	

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**23. COMMUNICATIONS**

Sequence No.	Item	1	2	3	4	Change Bar
-40-02	Crewmember Interphone System (Flight Deck to ground)	D	1	0	May be inoperative.	
-40-03	Flight Crew Intercom	C	1	0	May be inoperative for operations not using or requiring a Second-In-Command.	
-40-04	Passenger Address (PA) System	D	1	0		
-01	Cargo	D	1	0		
-40-05	Passenger Seat Belt/Safety Chime	C	1	0	(O) May be inoperative provided cabin occupants are briefed by alternate means.	
-40-06 ***	Recorded Passenger Briefing System	D	1	0	(O) May be inoperative provided passengers are appropriately briefed.	
-50-01	Cockpit Speaker System (Includes Audio Amp.)					
-01		C	2	1	One may be inoperative provided an operative headset is available to the flight crew.	
-02		C	2	0	May be inoperative provided: a) Two operative headsets are available to the flight crew, and b) All aural warnings are available.	

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**23. COMMUNICATIONS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-02</b>	Cockpit Hand Microphone					
<b>-01</b>		<b>D</b>	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative.	
<b>-02</b>		<b>C</b>	<b>2</b>	<b>1</b>	Right side may be inoperative provided Second-in-Command is not required.	
<b>-03</b>		<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative provided associated boom microphone is available and operative.	
<b>-04</b>	Jack	<b>C</b>	-	<b>0</b>	May be inoperative provided: a) Associated hand microphone is considered inoperative, and b) Affected side has operative boom mic.	
<b>-05</b>	Holder	<b>D</b>	-	<b>0</b>	(O) May be inoperative provided associated hand microphone is secured and accessible by alternate means.	

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**23. COMMUNICATIONS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-03</b>	Flight Deck Headset/Boom Microphone	<b>D</b>	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative.	
<b>-01</b>	Boom Microphone (For a holder of an Air Carrier or Commercial Operator Certificate)	<b>A</b>	-	<b>0</b>	May be inoperative provided: a) Associated hand microphone is installed and operates normally, and b) Repairs are made within three flight days.	
<b>-02</b>	Boom Microphone (For an operator other than a holder of an Air Carrier or Commercial Operator Certificate)	<b>A</b>	-	<b>0</b>	May be inoperative provided: a) Associated hand microphone is installed and operates normally, and b) Repairs are made in accordance with 14 CFR operating rule.	
<b>-03</b>	Headset Earphones/Headphones	<b>C</b>	-	<b>1</b>	May be inoperative provided associated cockpit speaker operates normally.	
<b>-04</b> ***	Active Noise Reduction (ANR) Function	<b>D</b>	-	<b>0</b>	May be inoperative provided normal audio function of headset is operative.	
<b>-05</b> ***	Powered Headset System	<b>D</b>	-	<b>0</b>	May be inoperative provided non-powered headset jack is operative or headset is not used.	
<b>-50-04</b>	Cockpit Headset Audio System	<b>C</b>	<b>2</b>	<b>0</b>	May be inoperative provided: a) Both cockpit overhead communication speakers are used, and b) Headset audio system is not required by 14 CFR operating rule.	

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**23. COMMUNICATIONS**

Sequence No.	Item	1	2	3	4	Change Bar
-60-01	Static Wick	C	-	-	May be damaged or missing provided: a) No more than two total static wicks are damaged or missing, and b) Only one static wick is missing from each static discharge general area (left wing, right wing, tail).	
-70-01	Cockpit Voice Recorder (CVR)					
-01	(Holder of an Air Carrier or Commercial Operator Certificate)	A	1	0	May be inoperative provided repairs are made within 3 flight days.	
-02	(Operator other than a holder of an Air Carrier or Commercial Operator Certificate)	A	1	0	May be inoperative provided repairs are made in accordance with applicable 14 CFR operating rule.	
-03 ***	Recorder Independent Power Supply (RIPS)	C	1	0	May be inoperative.	
-04	Underwater Locator Device (ULD)	D	1	0	May be inoperative or missing provided device is not required by operating rule.	
-05	Datalink Recording	C	1	0	May be inoperative provided datalink recording is not required by operating rule.	
-06	Datalink Recording	A	1	0	May be inoperative provided repairs are made within 3 flight days.	
70-02	Active Noise Canceling System (STC SA483CH)	D	1	0	(M) May be inoperative provided system is deactivated.	

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**24. ELECTRICAL POWER**

Sequence No.	Item	1	2	3	4	Change Bar
-00-01	#1 or #2 AC BUS Annunciator Light (SN FL-1 thru FL-380, FL-382, FM-1 thru FM-11 and FN-2 and after Only)				MOVED TO ATA 31 REV 10.	
-00-02	Generator Bus Tie Annunciation (Amber) (L or R GEN TIE OPEN) (L or R or L-R Gen Tie Open) CAS				MOVED TO ATA 31 REV 10.	
-00-03	DC Generator Annunciation (Amber) (L or R DC GEN) (L or R DC Generator) CAS				MOVED TO ATA 31 REV 10.	
-00-04	External Power Annunciation (Amber) (EXT PWR) (Ext Pwr-Active or Ext Pwr-Cart) CAS				MOVED TO ATA 31 REV 10.	
-00-05	Standby Power System	<b>B</b>	<b>1</b>	<b>0</b>	(M) May be inoperative provided: a) Airplane is operated VFR only, b) Airplane is not operated at night, and c) Standby battery is disconnected and removed.	
-01	Sonalert Standby Power Aural Warning	<b>B</b>	<b>1</b>	<b>0</b>	May be inoperative provided the standby power annunciator is operative.	
-02	Standby Power Annunciator (Except Proline Fusion)	<b>B</b>	<b>1</b>	<b>0</b>	May be inoperative provided the sonalert standby power aural warning is operative.	

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**24. ELECTRICAL POWER**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-22-01</b>	AC Inverters					
<b>-01</b>	(B300 & B300C) (Excluding Pro Line 21 and Pro Line Fusion)	<b>B</b>	<b>2</b>	<b>1</b>	One may be inoperative provided: a) Aircraft is operated in VMC only, b) Aircraft is not operated at night, and c) AC bus transfer is operative.	
<b>-02</b>	(300 & 300LW)	<b>B</b>	<b>2</b>	<b>1</b>	One may be inoperative provided aircraft is operated VFR only not at night.	
<b>-30-00</b>	L or R GEN BUS TIE Relay	<b>B</b>	<b>2</b>	<b>1</b>	One may be inoperative provided: a) Aircraft is operated VMC only, b) Aircraft is not operated at night, and c) Both L or R DC GEN Annunciators are operative.	
<b>-31-01</b> ***	Battery Temperature Indicating System	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided lead acid aircraft batteries are installed.	
<b>-40-01</b>	External Power System	<b>C</b>	<b>1</b>	<b>0</b>	(M) May be inoperative provided Ground Power Relay is verified open.	
<b>-50-01</b>	Cabin AC Power System	<b>C</b>	<b>1</b>	<b>0</b>	(M) May be inoperative provided system is deactivated.	
<b>-60-01</b> ***	Isolated Instrumentation Bus (STC# SA03698AT)	<b>D</b>	<b>1</b>	<b>0</b>	(M) May be inoperative provided system is deactivated.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-00-01	Required Documents Holder (Airworthiness Certificate, Registration, etc)	D	1	0	(O) May be inoperative or missing provided an alternate means of securing and displaying documents is used.	
-00-02	Cockpit/Cabin Partition					
-01	Solid Doors	D	-	-	(O) May be inoperative provided affected door is secured in the taxi, takeoff and landing position.	
-02	Curtains	D	-	-	(O) May be inoperative provided affected curtain is secured in the taxi, takeoff and landing position.	
-00-03 ***	SmartStart Security System	D	1	0	(M) May be inoperative provided system is deactivated.	
-10-01 ***	Flashlight	D	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative or missing.	
-01	Flashlight Holder	D	-	0	May be damaged or inoperative provided affected flashlight remains readily available to crewmember while seated.	
-10-02	Crew Assist Straps (Cockpit Overhead)	D	-	0	May be damaged or missing.	
-10-03	Cockpit Sun Visors	D	2	0	May be inoperative or missing provided there are no visual restrictions to the flight crew.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-10-04	Flight Crew Seat	C	2	1	Right Flightcrew Seat may be inoperative provided: a) Operation does not require a Second-in-Command, and b) Seat is placarded "DO NOT OCCUPY".	
-01	Armrest	C	4	0	May be inoperative provided affected armrest is stowed in retracted position.	
-02	Armrest	C	4	0	(M) May be inoperative provided affected armrest is removed.	
-03	Lumbar Support	D	2	0		

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-10-04</b> ***	Flight Crew Seat (Cont'd)					
<b>-04</b>	Recline/Tilt Function					
<b>-01</b>		<b>C</b>	<b>2</b>	<b>0</b>	(M) May be inoperative provided: a) Affected seat is secured in a position that permits normal visibility, b) Full flight control movement is available, and c) Crewmember can reach all necessary controls and equipment while restrained.	
<b>-02</b>		<b>C</b>	<b>2</b>	<b>0</b>	May be inoperative provided: a) Affected seat is failed in a position that permits normal visibility, b) Full flight control movement is available, and c) Crewmember can reach all necessary controls and equipment while restrained.	
<b>-05</b> ***	Restraint Buckle Protective Padding	<b>D</b>	<b>2</b>	<b>0</b>	May be damaged or missing.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-10-04 ***	Flight Crew Seat (Cont'd)					
-06	Vertical Adjustment					
-01		C	2	0	(M) May be inoperative provided: a) Affected seat is secured or failed in a position that permits pilot normal visibility, b) Full flight control movement is available, and c) Crewmember can reach all necessary controls and equipment while restrained.	
-02		C	2	0	May be inoperative provided: a) Affected seat is failed in a position that permits normal visibility, b) Full flight control movement is available, and c) Crewmember can reach all necessary controls and equipment while restrained.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-20-00	Passengers Seat(s)	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 aircraft aisle, and c) The affected Seat(s) are blocked and placarded "DO NOT OCCUPY".  NOTE 1: A Seat with an inoperative Seat Belt or Shoulder Harness is considered inoperative for taxi, takeoff, and landing.  NOTE 2: Affected seat(s) may include seats near the inoperative seat(s).	
-01	Seat Controls (Includes recline, headrest, floor tracking, pedestal tracking, swivel and other positioning controls)	D	-	0	(M) May be inoperative and seat occupied provided seatback is secured in the taxi, takeoff and landing position.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-20-00</b>	Passengers Seat(s) (Cont'd)					
<b>-02</b>	Seat Controls (Includes recline, headrest, floor tracking, pedestal tracking, swivel and other positioning controls)	<b>D</b>	<b>-</b>	<b>0</b>	May be inoperative and seat occupied provided the control is failed immovable in the taxi, takeoff and landing position.	
<b>-03</b>	Seat Controls (Includes recline, headrest, floor tracking, pedestal tracking, swivel and other positioning controls)	<b>D</b>	<b>-</b>	<b>0</b>	May be missing or inoperative in other than taxi, takeoff, and landing position provided affected seat is considered inoperative.	
<b>-04</b>	Armrest	<b>D</b>	<b>-</b>	<b>0</b>	May be inoperative or missing and seat occupied provided: a) Armrest does not block an Emergency Exit, b) Armrest does not restrict any passenger from access to the aircraft aisle, and c) For an armrest with seat controls, seat is secure in the taxi, takeoff, and landing position.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-20-01 ***	Non-Essential Equipment & Furnishings (NEF)	-	-	0	May be inoperative, damaged, or missing provided that the item(s) is deferred in accordance with the operator's NEF deferral program. The NEF program, procedures, and processes are outlined in the operators (insert name) manual. (M) and (O) procedures, if required, must be available to the flight crew and included in the operator's appropriate document.  NOTE: Exterior lavatory door ash trays are not considered NEF items.	
-20-02 ***	Electric Window Shades (Not including emergency exit)	D	13	0	May be inoperative.	
-30-00	Refreshment Cabinet Waste Receptacles Access Doors/Covers				COMBINED WITH CABIN STORAGE COMPARTMENTS/CLOSETS REV 10.	
-40-00	Ashtray	A	-	1	May be inoperative or missing provided ashtray is replaced within three consecutive calendar days.	
-40-01	"FASTEN SEAT BELT" / "FASTEN SEAT BELT WHILE SEATED" Signs or Placards				MOVED TO 33 REV 10.	
-40-10	Exterior Lavatory Door Ashtrays				COMBINED WITH 25-40-00 REV 10.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-50-00	Cargo Restraint Systems	C	-	-	(M) May be inoperative, or missing provided acceptable cargo loading limits from an approved source, i.e., an approved cargo loading manual, cargo handling manual or weight and balance document are observed.	
-01		C	-	-	May be inoperative or missing affected compartment remains empty.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-50-01	Cabin Storage Compartments/Closets					
-01		C	-	-	(M) May be inoperative provided: a) Procedures are established and used to secure compartment in the closed position, b) Affected compartment is prominently placarded "DO NOT USE", c) Any emergency equipment located in affected compartment is considered inoperative, and d) Affected compartment is not used for storage of any item except for those permanently affixed.	
-02		C	-	-	(M)(O) May be inoperative provided: a) For non-retractable doors, affected door is removed. b) For retractable doors, affected door is removed or secured in the retracted (fully open) position, c) Affected compartment is not used for storage of any items except for those permanently affixed, d) Affected compartment is prominently placarded "DO NOT USE", e) Procedures are established and used to alert crew members and passengers of inoperative compartments, and f) Passengers are briefed that affected compartment is not used.	
NOTE: Any emergency equipment located in the associated storage compartment (permanently affixed) is available for use.						
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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-01</b>	Cabin Storage Compartments/Closets (Cont'd)					
<b>-03</b>	Storage Compartments Key Locks	<b>D</b>	-	-	(M) May be inoperative in the unlocked position provided doors can be secured by other means.	
<b>-50-02</b>	Wing Locker Door Gas Spring (Raisbeck Engineering STC only)	<b>D</b>	<b>2</b>	<b>0</b>	(M) May be inoperative provided: a) Gas spring shaft moves freely without impeding operation of the door, and b) Affected wing locker door closes flush with the nacelle.	
<b>-60-01</b>	Emergency Medical Equipment					
<b>-01</b> <b>***</b>	Automatic External Defibrillator (AED) (Includes associated equipment)	<b>D</b>	-	-	Any in excess of those required by 14 CFR operating rule may be incomplete, missing or inoperative.	
<b>-02</b> <b>***</b>	Emergency Medical Kit (EMK) (Includes associated equipment)	<b>D</b>	-	-	Any in excess of those required by 14 CFR operating rule may be incomplete, missing or inoperative.	
<b>-03</b>	First Aid Kit (FAK) (Includes associated equipment)	<b>D</b>	-	<b>1</b>	Any in excess of those required by 14 CFR operating rule may be incomplete, missing or inoperative.	
<b>-60-02</b> <b>***</b>	Pyrotechnic Signal Device	<b>D</b>	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative or missing.	
<b>-60-03</b> <b>***</b>	Emergency Vision Assurance System (STC SA1050WI)	<b>C</b>	<b>2</b>	<b>0</b>		
<b>-60-04</b> <b>***</b>	Crash Axe	<b>D</b>	<b>1</b>	<b>0</b>	May be missing.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-61-00	Life Preserver (Crew and passenger)	D	-	-	Any in excess of those required by 14 CFR operating rule may be missing or inoperative provided affected preserver is placarded "INOPERATIVE" or removed.	
-62-01	Emergency Locator Transmitter (ELT)					
-01	Survival Type ELTs	D	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative or missing.	
-02	Fixed ELTs	A	-	0	(M) May be inoperative provided: a) System is deactivated, and b) Repairs are made within 90 days. c) Placard stating "ELT not installed" is placed in view of the pilot.	
		A	-	0	May be missing provided: a) Repairs are made within 90 days, and b) Placard stating "ELT not installed" is placed in view of the pilot.	
		D	-	-	(M) May be inoperative provided: a) Any in excess of those required by 14 CFR may be inoperative provided system is deactivated, and b) Placard stating "ELT not installed" is placed in view of the pilot.	
		D	-	-	May be missing provided: a) Any in excess of those required by 14 CFR may be missing, and b) Placard stating "ELT not installed" is placed in view of the pilot.	

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**25. EQUIPMENT/FURNISHINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-62-01	Emergency Locator Transmitter (ELT) (Cont'd)					
-03 ***	Remote Switch	D	1	0	(M) May be inoperative provided: a) Remote ELT switch is deactivated, and b) ELT switch is placed in the ARMED mode.	   
-64-00	Life Rafts	D	-	-	Any in excess of those required by 14 CFR operating rule may be missing or inoperative.	

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**26. FIRE PROTECTION**

Sequence No.	Item	1	2	3	4	Change Bar
-12-01 ***	Cargo Compartment Fire Detection/Suppression System				DELETED REV 10.	
-20-01	Engine Fire Extinguisher PUSH TO EXTINGUISH cover guard	A	2	0	May be broken, missing or without safety wire provided: a) No function of the activation button is interfered with, and b) Repairs are made within 1 flight day.	 
-01	Safety Wire	A	2	0	May be broken or missing provided wire is replaced within 3 flight days.	 
-22-01	Portable Fire Extinguisher	D	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative or missing provided: a) Cockpit fire extinguisher is installed and operative. b) Inoperative fire extinguisher is placarded "INOPERATIVE", removed from installed location, and placed out of sight so it cannot be mistaken for a functional unit, and c) Required distribution is maintained.	   

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**27. FLIGHT CONTROLS**

Sequence No.	Item	1	2	3	4	Change Bar
-21-00	Trim Tab Indicators (Rudder and Aileron)	C	2	0	(O) May be inoperative provided: a) Tab is visually checked for full range of operation, b) Tab operation is not restricted, and c) Tab is positioned to neutral prior to each departure and neutral position is verified by visual inspection.  NOTE: Controls must be held neutral to determine tab settings.	
-30-00	Electric Elevator Trim System	C	1	0	(M) May be inoperative provided: a) Electric trim is deactivated, b) Manual trim is verified operative with full and free movement, and c) Autopilot is considered inoperative.	
-01	Trim Switches	C	-	0	NOTE: Any operative switch may be used.	
-02	ELEC TRIM OFF (green) Annunciator (except Proline 21 and FUSION)				MOVED TO ATA 31 Rev 10	
-03	Pitch Trim ON-OFF Switch				DELETED AND COMBINED WITH ELECTRIC ELEVATOR TRIM SYSTEM REV 10.	
-51-00	Flap Position Indicator	C	1	0	(O) May be inoperative provided: a) Flaps are visually checked for full travel and flap operation is not restricted, and b) Flaps are visually checked for proper setting prior to each departure.	

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**28. FUEL**

Sequence No.	Item	1	2	3	4	Change Bar
-22-00	Standby Electric Boost Pumps	C	2	1	(M) One may be inoperative provided: a) Both engine driven low-pressure fuel boost pumps are operative, b) Affected pump is deactivated, c) AFM defined emergency engine fuels are not used, and d) Aircraft is not operated more than one hour, at one-engine-inoperative cruise, from a suitable airport.	
-23-01	Fuel Crossfeed Annunciation (FUEL CROSSFEED) (green) (Fuel Crossfeed) CAS (cyan)				MOVED TO ATA 31 REV 10.	
-24-00	Auxiliary Tank Fuel Transfer	C	2	0	May be inoperative provided: a) Any fuel in affected auxiliary tank is considered unusable, b) AFM Fuel Imbalance Limitations are observed, and c) Auxiliary tanks are not used.	
-01	L/R NO FUEL XFR Amber Annunciators	D	2	0	May be inoperative provided auxiliary tanks are not used.	
-40-00	Fuel Quantity Amber Annunciators	C	2	1	One may be inoperative provided both fuel quantity indicators are operative.	

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**28. FUEL**

Sequence No.	Item	1	2	3	4	Change Bar
-41-00	Fuel Quantity Indicator System	C	2	1	(O) One may be inoperative provided: a) A reliable means is established to determine that fuel quantity on board meets the regulatory requirements for the flight, b) Both Fuel Flow Indicators are operative, and c) Both fuel low level indications (annunciator or CAS) are operative. d) Over water operations are limited to 30 min away from land at all times.	
-41-01 ***	Foxboro Fuel Counter/Totalizer	C	1	0		

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**30. ICE AND RAIN PROTECTION**

Sequence No.	Item	1	2	3	4	Change Bar
-00-10	Heated Fuel Vents	C	2	0	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	
-00-20	Engine Ice Vane Annunciation				MOVED TO ATA 31 Rev 10.	
-00-20	Stall Warning Heat (Lift Transducer and Mounting Plate Heater)	C	1	0	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	
-10-00	Surface Deice System (Wings and Horizontal Stabilizer)	C	1	0	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	
-10-20	Surface Deice Annunciation System (WING DEICE & TAIL DEICE) (green) (Wing Deice & Tail Deice) CAS (cyan) (B300)				MOVED TO ATA 31 REV 10.	

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**30. ICE AND RAIN PROTECTION**

Sequence No.	Item	1	2	3	4	Change Bar
-20-01	Engine Inertial Ice Vane Actuator Motors	C	4	2	One actuator motor on each inlet may be inoperative provided aircraft is not operated in POH/AFM defined engine ice protection conditions.	
-01		C	4	2	One actuator motor on each inlet may be inoperative provided: a) Inertial ice vanes are in the extended position, b) Appropriate ENGINE ANTI-ICE ON performance data is used, and c) Aircraft is not operated in POH/AFM defined engine ice protection conditions.	
-02		C	4	0	(M) Both actuator motors of each Inlet may be inoperative provided: a) Inertial ice vanes are secured in the extended position, b) Appropriate ENGINE ANTI-ICE ON performance data is used, and c) Aircraft is not operated in POH/AFM defined engine ice protection conditions.	

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**30. ICE AND RAIN PROTECTION**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-30-01</b>	Pitot Heaters					
<b>-01</b>		<b>B</b>	<b>2</b>	<b>1</b>	Right side may be inoperative provided: a) Second-In-Command is not required, b) Aircraft is not operated in known or forecast icing conditions, and c) Aircraft is not operated RVSM.	
<b>-02</b>		<b>C</b>	<b>2</b>	<b>0</b>	May be inoperative provided: a) Aircraft is operated VFR only, and b) Aircraft is not operated in known or forecast icing conditions.	
<b>-03</b> <b>***</b>	Pitot Heat Annunciator				MOVED TO ATA 31 REV 10.	
<b>-40-01</b>	Windshield Wipers	<b>C</b>	<b>2</b>	<b>0</b>	May be inoperative provided aircraft is not operated in precipitation within five nautical miles of the airport of takeoff or intended landing.	
<b>-40-10</b>	Windshield Heat	<b>C</b>	<b>2</b>	<b>0</b>	(M) May be inoperative provided: a) Windshield heat is deactivated, and b) Aircraft is not operated in known or forecast icing conditions.	

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**30. ICE AND RAIN PROTECTION**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-60-01</b>	Propeller Deice System	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	
<b>-01</b>	Automatic Control	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided Manual system is operative.	
<b>-02</b>	Manual Control	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided Automatic system is operative.	
<b>-03</b>	Propeller Deice Ammeter	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	
<b>-80-10</b> ***	Rosemont Advisory Ice Detector System	<b>C</b>	<b>1</b>	<b>0</b>		

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
-00-10 ***	Engine Trend Condition Monitoring System	D	1	0	(O) May be inoperative provided alternate procedures are established and used for engine trend monitoring.	
-00-20 ***	Structural Integrity Sensor System (FF serials only)				DELETED REV 10.	
-20-00	Clock with Sweep Second Hand or Electrical Digital Clock.	C	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative.	

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
-20-10 ***	Flight Hour Recorder	C	-	0	(O) May be inoperative provided flight time is tracked by alternate means.	
-30-01 ***	Flight Data Recorder	C	-	0	May be inoperative provided recorder is not required by 14 CFR operating rule.	
-01	(Operator other than a holder of an Air Carrier or Commercial Operator Certificate)	A	-	0	May be inoperative provided repairs are made in accordance with applicable 14 CFR operating rule.	
-02	(Holder of an Air Carrier or Commercial Operator Certificate)	A	-	0	May be inoperative provided: a) Cockpit Voice Recorder (CVR) is operative, b) Aircraft is not dispatched from an airport where repairs can be made unless: 1. Flight Data Recorder (FDR) failure occurs after dispatch but prior to takeoff, or 2. Flight Data Recorder (FDR) repair was attempted but not successful, c) In those cases where repair is attempted but not successful, aircraft may be dispatched on a flight or series of flights until arriving at next airport where repairs can be made at which the repair must be accomplished prior to dispatch, and d) Repairs are made within 3 flight days.	

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-30-01</b> ***	Flight Data Recorder (Cont'd)					
<b>-03</b>	Flight Data Recorder (FDR) Parameters required by 14 CFR operating rule	<b>A</b>	-	-	Up to three recording parameters may be inoperative provided: a) Cockpit Voice Recorder (CVR) operates normally, and b) Repair are made within 20 calendar days.	
<b>-04</b>	Flight Data Recorder (FDR) Parameters not required by 14 CFR operating rule	<b>A</b>	-	-	May be inoperative provided repairs are made prior to completion of next scheduled inspection of FDR.	
<b>-05</b>	Underwater Locator Device (ULD)	<b>D</b>	-	<b>0</b>	May be inoperative or missing provided device is not required by 14 CFR operating rule.	
<b>-40-01</b>	Amber CHECK MAINTENANCE CAS Message Displayed (Collins Proline Fusion Equipped Airplanes)	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided CHECK MAINTENANCE procedure in the AFM is followed to determine APM Fail message is displayed.  NOTE: Check Maintenance amber caution CAS message may be displayed.	
<b>-40-10</b>	Cursor Control Panel (CCP) (Proline Fusion Only)				MOVED TO ATA 46, REV. 10	
<b>-40-11</b>	Multifunction Keypad Panel (MKP) (Proline Fusion Only)				MOVED TO ATA 46, REV. 10	
<b>-40-12</b>	Baro Single Knob Panel (SKP) (Proline Fusion Only)				MOVED TO ATA 46, REV. 10	

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-01</b>	Annunciators Failure to Illuminate or Extinguish					
<b>-01</b>	ALT WARN or CABIN ALT HI Red Annunciator					
<b>-01</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided the aircraft is operated at or below 10,000 feet MSL.	
<b>-02</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided cabin pressurization system is considered inoperative.	
<b>-02</b>	CABIN DIFF HI Red Annunciation (B300 & B300C Only)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided cabin pressurization system is considered inoperative.	
<b>-03</b>	L or R OIL PRES LO Red Annunciator	<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative provided corresponding oil pressure gauge is operative and monitored.	
<b>-04</b>	CABIN DOOR Red Annunciator (300 & 300LW Only)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided a crewmember confirms, by visual inspection, that the cabin door is closed and latched prior to each departure.	
<b>-05</b>	DOOR UNLOCKED Red Annunciator (B300 & B300C Only)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided a crewmember confirms, by visual inspection, that all monitored doors are closed and latched prior to each departure.	
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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
-50-01	Annunciators Failure to Illuminate or Extinguish (Cont'd)					
-06	L or R BLEED FAIL Red Annunciator (B300 & B300C Only)	C	2	1	(O) May be inoperative provided: a) Environmental and instrument bleed air valves on inoperative side are verified closed prior to each flight, b) Bleed Air Off Annunciator is operative on the operative bleed air source, c) Aircraft is operated at or below Flight Level 250, and d) Aircraft is not operated in known or forecast icing conditions.	
-07	L or R BL AIR OFF Amber Annunciation	C	2	1		
-08	#1 or #2 AC BUS Annunciator Light (SN FL-1 thru FL-380, FL-382, FM-1 thru FM-11 and FN-2 and after Only)	B	2	1	One may be inoperative provided both Inverters are operative.	
-09	GENERATOR BUS TIE or L or R GEN TIE OPEN Amber Annunciation	B	2	0	(O) May be inoperative provided: a) Affected generator bus tie relay is verified CLOSED prior to each departure, and b) Both DC GEN annunciators operative prior to each departure.	

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-01</b>	Annunciators Failure to Illuminate or Extinguish (Cont'd)					
<b>-10</b>	DC GENERATOR or L or R DC GEN Amber Annunciation	<b>B</b>	<b>2</b>	<b>1</b>	(O) One may be inoperative provided both DC load meters are operative and monitored.	
<b>-11</b>	EXT PWR Amber Annunciation	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided ground power is verified disconnected from aircraft prior to aircraft movement.	
<b>-12</b>	L or R NO FUEL XFR Amber Annunciation	<b>C</b>	<b>2</b>	<b>0</b>	May be inoperative provided auxiliary tanks are not used.	
<b>-13</b>	L or R FUEL QTY Amber Annunciator	<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative provided both fuel quantity indicators are operative.	
<b>-14</b>	L or R PITOT HEAT Amber Annunciator	<b>C</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided both pitot heaters are verified operative.	
<b>-15</b>	HYD FLUID LOW Amber Annunciator	<b>C</b>	<b>1</b>	<b>0</b>	(M) May be inoperative provided hydraulic fluid level is verified full each flight day.	
<b>-16</b>	AUTOFTHER OFF Amber Annunciator	<b>A</b>	<b>1</b>	<b>0</b>	May be inoperative provided: a) Auto feather switches remain in the ARM position for the entire flight except as required by emergency/abnormal procedure, and b) Repairs are made within 3 flight days.	
<b>-17</b>	ELEC TRIM OFF Green Annunciator (Except Proline 21 and FUSION)	<b>C</b>	<b>1</b>	<b>0</b>		

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
-50-01	Annunciators Failure to Illuminate or Extinguish (Cont'd)					
-18	FUEL CROSSFEED Green Annunciation	C	1	0	(O) May be inoperative provided: a) Crossfeed system is verified operative prior to engine start, and b) Both fuel pressure annunciator lights are operative.	
-19	L or R ENG ICE FAIL Amber Annunciator					
-01		C	2	1	(O) One may be inoperative on each side.	
-02		C	2	0	(M) Both may be inoperative on one or both sides provided: a) Inertial ice vanes are secured in the extended position, b) Appropriate ENGINE ANTI-ICE ON performance data is used, and c) Ambient surface temperature is +10 degrees C or below for takeoff.	

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-01</b>	Annunciators Failure to Illuminate or Extinguish (Cont'd)					
<b>-20</b>	L and R ENG ANTI-ICE Green Annunciator					
<b>-01</b>		<b>C</b>	<b>2</b>	<b>1</b>	(O) One may be inoperative on each side.	
<b>-02</b>		<b>C</b>	<b>2</b>	<b>0</b>	(M) Both may be inoperative on one or both sides provided: a) Inertial ice vanes are secured in the extended position, b) Appropriate ENGINE ANTI-ICE ON PERFORMANCE data is used, and c) Ambient surface temperature is +10 degrees C or below for takeoff.	
<b>-21</b>	WING DEICE & TAIL DEICE Green Annunciator	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	
<b>-22</b>	L or R IGNITION ON Green Annunciator (Illuminated) (Except Proline FUSION)	<b>A</b>	<b>2</b>	<b>1</b>	May be inoperative provided repairs are accomplished within 3 flight days.	

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-01</b>	Annunciators Failure to Illuminate or Extinguish (Cont'd)					
<b>-23</b>	CABIN ALTITUDE White Annunciator (B300 & B300C Only)					
<b>-01</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided the cabin altitude aural warning system is operative.	
<b>-02</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided the aircraft is operated at or below 10,000 feet MSL.	
<b>-03</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided cabin pressurization system is considered inoperative.	
<b>-24</b>	CABIN DOOR Red Annunciator	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided cabin door warning system is operative.	
<b>-25</b>	DOOR UNLOCKED Red Annunciator	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided cabin door warning system is operative.	
<b>-26</b>	Surface Deice Annunciation System (B300) (WING DEICE & TAIL DEICE) (Green)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-02</b>	CAS Messages Failure to Display or False Posting					
<b>-01</b>	Cabin Alt High Red CAS					
<b>-01</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided the aircraft is operated at or below 10,000 feet MSL.	
<b>-02</b>		<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided cabin pressurization system is considered inoperative.	
<b>-02</b>	Cabin Diff High Red CAS (B300 & B300C Only)	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided cabin pressurization system is considered inoperative.	
<b>-03</b>	L - R Pitot Heat Amber CAS	<b>C</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided both pitot heaters are verified operative.	
<b>-04</b>	Hyd Fluid Low Amber CAS	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided hydraulic fluid level is verified full each flight day.	
<b>-05</b>	Autofeather Off Amber CAS (B300 & B300C Only)	<b>A</b>	<b>1</b>	<b>0</b>	May be inoperative provided: a) Auto Feather switches remain in the ARM position for the entire flight, and b) Repairs are made within 3 flight days.	
<b>-06</b>	L or R Bleed Air Off Amber CAS	<b>C</b>	<b>2</b>	<b>1</b>		

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
-50-02	CAS Messages Failure to Display or False Posting (Cont'd)					
-07	L or R Bleed Air Fail Amber CAS (B300 & B300C Only)	C	2	1	(O) May be inoperative provided: a) Environmental and instrument bleed air valves on inoperative side are verified closed prior to each flight, b) BLEED AIR OFF CAS is operative on the operative bleed air source, c) Aircraft is operated at or below Flight Level 250, and d) Aircraft is not operated in known or forecast icing conditions.	
-08	L or R DC Generator Amber CAS	B	2	1	(O) One may be inoperative provided both DC load meters are operative and monitored.	
-09	Ext Pwr-Active Amber CAS	C	1	0	(O) May be inoperative provided adequate ground power voltage is verified.	
-10	Ext Pwr-Cart Amber CAS	C	1	0	(O) May be inoperative provided ground power unit is disconnected prior to aircraft movement.	
-11	L or R No Fuel XFR Amber CAS	C	2	0	May be inoperative provided auxiliary tanks are not used.	
-12	L or R Fuel Quantity Amber CAS	C	2	1	One may be inoperative provided both fuel quantity indicators are operative.	
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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-02</b>	CAS Messages Failure to Display or False Posting (Cont'd)					
<b>-13</b>	L-R Gen Tie Open Amber CAS	<b>B</b>	<b>2</b>	<b>0</b>	(O) May be inoperative provided: a) Affected generator bus tie relay is verified CLOSED prior to each departure, and b) Both DC GEN annunciators are verified operative prior to each departure.	
<b>-14</b>	L or R Eng Ice Fail Amber CAS					
<b>-01</b>		<b>C</b>	<b>2</b>	<b>1</b>	(O) One may be inoperative on each side.	
<b>-02</b>		<b>C</b>	<b>2</b>	<b>0</b>	(M) Both may be inoperative on one or both sides provided: a) Inertial ice vanes are secured in the extended position, b) Appropriate ENGINE ANTI-ICE ON performance data is used, and c) Ambient surface temperature is +10 degrees C or below for takeoff.	
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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-02</b>	CAS Messages Failure to Display or False Posting (Cont'd)					
<b>-15</b>	L or R Eng Anti-Ice Cyan CAS					
<b>-01</b>		<b>C</b>	<b>2</b>	<b>1</b>	(O) One may be inoperative on each side.	
<b>-02</b>		<b>C</b>	<b>2</b>	<b>0</b>	(M) Both may be inoperative on one or both sides provided: a) Inertial ice vanes are secured in the extended position, b) Appropriate ENGINE ANTI-ICE ON Performance data is used, and c) Ambient surface temperature is +10 degrees C or below for takeoff.	
<b>-16</b>	Wing Deice Cyan CAS	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	
<b>-17</b>	Tail Deice Cyan CAS	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	
<b>-18</b>	Fuel Crossfeed Cyan CAS	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided: a) Crossfeed system is verified operative prior to engine start, and b) Both Fuel Pressure annunciator lights are operative.	

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**31. INDICATING/RECORDING SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-03</b>	Central Warning					
<b>-01</b>	Master Warning Annunciator Red (Failed to illuminate)	<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative provided left side is operative for single pilot operation.	
<b>-02</b>	Master Warning Cancel / Reset Function	<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative provided left side is operative for single pilot operation.	
<b>-03</b>	Master Caution Annunciator Amber (Failed to illuminate)	<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative provided left side is operative for single pilot operation.	
<b>-04</b>	Master Caution Cancel / Reset Function	<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative provided left side is operative for single pilot operation.	

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**32. LANDING GEAR**

Sequence No.	Item	1	2	3	4	Change Bar
-00-10	Landing Gear Control Down Lock Solenoid	C	1	0	(O) May be inoperative provided: a) Red down lock latch is visually verified engaged, and b) Down lock release button is verified operative.	
-30-01	Hydraulic Fluid Low Annunciation (amber) (HYD FLUID LOW) (Hyd Fluid Low) CAS				MOVED TO ATA 31 REV 10.	
-40-01	Parking Brake	C	1	0	(O) May be inoperative provided alternate procedures are established and used to prevent unintended movement.	
-40-02 ***	Brake Deice System					
-01	(300 & 300LW)	C	1	0	(M) May be inoperative provided: a) Brake de-ice bleed air valve is verified in closed position, b) Brake deice system is deactivated, and c) L/R BK DEICE ON (green) annunciator is not illuminated.	
-02	(B300 & B300C) (Except Proline FUSION)	C	1	0	(M) May be inoperative provided: a) Brake de-ice bleed air valve is closed, b) Brake deice system is deactivated, and c) L/R BK DEICE ON (green) annunciator is not illuminated.	

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**32. LANDING GEAR**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-40-02</b> ***	Brake Deice System (Cont'd)					
<b>-03</b>	(B300 & B300C) (Proline FUSION Only)	<b>C</b>	<b>1</b>	<b>0</b>	(M) May be inoperative provided: a) Brake de-ice bleed air valve is closed, b) Brake deice system is deactivated, and c) L/R Brake Deice On (Cyan) annunciator is not illuminated.	
<b>-41-01</b>	Anti-Skid System (STC# SA03275CH)	<b>C</b>	<b>1</b>	<b>0</b>	(M) (O) May be inoperative provided: a) Anti-skid system is deactivated, b) ABS system drain holes show no signs of leakage, c) Hydraulic brake reservoir fluid level is verified prior to aircraft operation, and d) Normal braking actions is verified prior to aircraft operation.	
<b>-60-01</b>	Landing Gear Down Annunciator Lights (NOSE – L – R) (Green)				MOVED TO ATA 31 REV 10.	
<b>-60-02</b>	Landing Gear Control In-Transit Lights (Red)	<b>C</b>	<b>2</b>	<b>1</b>	One Bulb may be inoperative provided all landing gear down annunciator lights are operative.	

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**33. LIGHTS**

Sequence No.	Item	1	2	3	4	Change Bar
-10-01	Cockpit and Instrument Lighting					
-01		C	-	-	Individual lights may be inoperative provided: a) Remaining Lighting System lights are sufficient to clearly illuminate all required instruments, controls, and other devices for which they are provided, b) Remaining Lighting System lights are positioned so that direct rays are shielded from flightcrew members' eyes, and c) Lighting configuration and intensity is acceptable to the flightcrew.  NOTE: Individual button/switch lights, required placard lighting, and/or annunciations/indications are excluded from this relief.	
-10-13	Control Panel Lighting System (CCP, SKP, MKP) (Proline FUSION Only)	C	1	0	May be inoperative provided the aircraft is not operated at night.	

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**33. LIGHTS**

Sequence No.	Item	1	2	3	4	Change Bar
-20-01	Cabin Lights (Excluding cabin EXIT signs)					
-01		C	-	-	Individual lights may be inoperative provided: a) Sufficient lighting is operative for crew to perform required duties, and b) Sufficient lighting is operative for carrying cabin occupants at night.	
-02		C	-	0	May be inoperative for night operations provided no cabin occupants are carried.	
-03	Cargo Configuration	D	-	0	Maybe be inoperative provided no cabin occupants are carried.	
-20-02	Boarding Lighting System (Includes Lights Within the Airstair and in the Entryway Foyer)	C	1	0	May be inoperative provided both cabin exit lights are operative.  NOTE: Any operative light(s) may be used.	
-20-03	Lighted Passenger Information Sign (Excluding cabin exit signs)					
-01		C	-	0	(O) May be inoperative provided alternate procedures are established and used to notify cabin occupants.	
-02		C	-	0	May be inoperative provided no cabin occupants are carried.	
-30-01	Baggage Compartment Lights	D	-	0		
-40-00 ***	Strobe Lights System (Excluding Anti-Collision lights)	C	1	0		

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**33. LIGHTS**

Sequence No.	Item	1	2	3	4	Change Bar
-40-10	Taxi Light	C	1	0		
-40-20	Landing Lights					
-01		C	2	1	One may be inoperative.	
-02		C	2	0	Both may be inoperative provided the aircraft is not operated at night.	
-40-30 ***	Pulselite System	C	1	0		
-40-40	Position Light System	C	1	0	May be inoperative provided the aircraft is not operated from sunset to sunrise.	
-40-50	Anti-Collision Beacon Light System	B	-	1	As required be 14 CFR operating rule.	
-40-60	Recognition Lights	C	2	0		

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**33. LIGHTS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-40-70</b>	Wing Ice Inspection Light					
<b>-01</b>		<b>C</b>	<b>2</b>	<b>0</b>	May be inoperative provided: a) Aircraft is not operated at night in POH/AFM defined icing conditions, and b) Ground deicing procedures do not require its use.	
<b>-02</b>		<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative provided: a) The left light is operative for single pilot operations, and b) Ground deicing procedures do not require their use.	
<b>-40-80</b>	Logo Lights	<b>C</b>	<b>2</b>	<b>0</b>		
<b>-41-21</b>	LoPresti Boom Beam Landing Lights STC# SA02279AT					
<b>-01</b>		<b>D</b>	<b>2</b>	<b>0</b>	Both may be inoperative provided aircraft is not operated at night.	
<b>-02</b>		<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative for night.	
<b>-03</b>	With LoPresti Boom Beam Taxi Lights Installed STC# SA02279AT	<b>C</b>	<b>2</b>	<b>0</b>	Both landing lights may be inoperative for night provided: a) LoPresti Boom Beam taxi lights are installed and operative, and b) Taxi lights are used for all operations requiring landing lights.	
<b>-50-00</b>	Emergency Instrument Light System	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative for VFR operations not at night.	

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4. REMARKS OR EXCEPTIONS

**34. NAVIGATION**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-00-01</b>	VHF Navigation Systems					
<b>-01</b>	VOR	<b>C</b>	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative.	
<b>-02</b>	ILS					
<b>-10</b>	Localizer	<b>C</b>	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative.	
<b>-20</b>	Glideslope	<b>C</b>	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative.	
<b>-13-00</b>	Vertical Speed Indicators					
<b>-01</b>		<b>B</b>	<b>2</b>	<b>1</b>	May be inoperative on right side.	
<b>-02</b>		<b>B</b>	<b>2</b>	<b>0</b>	May be inoperative provided aircraft is operated VFR only.	
<b>-14-00</b>	Airspeed Indicator (Mechanical Airspeed Indicators Only) (Except Collins Proline 21 equipped aircraft)					
<b>-01</b>		<b>B</b>	<b>2</b>	<b>1</b>	May be inoperative on right side provided: a) Second-In-Command is not required, and b) Aircraft is not equipped with air data display unit(s) or servoed electric airspeed indicator(s).	
<b>-02</b> <b>***</b>	External Airspeed Indicator Bugs	<b>C</b>	-	<b>0</b>	(O) May be inoperative, missing or broken.	

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Sequence No.	Item	1	2	3	4	Change Bar
-16-02	Altitude Alerting System	C	-	0	May be inoperative provided enroute operations ie. RVSM does not require its use.	
-16-10	Altimeters (Pneumatic/Mechanical Altimeters Only) (Except Collins Proline 21 equipped aircraft)	B	2	1	May be inoperative on right side provided: a) Second-In-Command is not required, and b) Aircraft is not equipped with air data display unit(s) or servoed electric altimeter(s).	
-21-01	Gyroscopic Pitch and Bank Indicator Systems (Mechanical Attitude Indicators Only)	B	2	1	May be inoperative on right side provided: a) Second-In-Command is not required, and b) Aircraft is not equipped with EFIS or servoed electric gyroscopic pitch and bank indicator.	
-21-02	Standby Attitude Indicator					
-01		C	-	0	May be inoperative provided not required by 14 CFR operating rule.	
-02		B	-	0	May be inoperative provided: a) Operations are conducted in VMC only, not at night, and b) Operations are not conducted into known or forecast over-the-top conditions.	
-21-03	Electronic Standby Flight Display System (Collins Pro Line 21 and Proline Fusion Equipped Airplanes)	B	1	0	May be inoperative provided: a) PFD1 and PFD2 are operative, b) Operations are conducted in daylight VFR only, and c) Operations are not conducted into known or forecast over-the-top conditions.	

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Sequence No.	Item	1	2	3	4	Change Bar
-22-01	Radio Magnetic Indicator (RMI)	C	-	0	May be inoperative provided: a) Magnetic Compass is operative, and b) Any navigation source not displayed on another indicator is considered inoperative.	
-23-00	Stabilized Compass System (FF Serials with Bendix EFS-10 Only)				Deleted REV 10.	
-23-01	Non-Stabilized Magnetic Compass					
-01		B	1	0	(O) May be inoperative provided any combination of three gyros, AHRS or INS (IRU) stabilized compass systems are operative.	
-02		B	1	0	(O) May be inoperative provided: a) Any combination of two gyros, AHRS or INS (IRU) stabilized compass systems operate normally, and b) Airplane is operated with dual independent navigation capability and under positive radar control by ATC on the enroute portion of the flight.	
-03		B	1	0	(O) May be inoperative for flights that are entirely within areas of magnetic unreliability provided at least two stabilized directional gyro systems are installed, operate normally, and used in conjunction with approved free gyro navigation techniques.	

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Sequence No.	Item	1	2	3	4	Change Bar
<b>-24-00</b>	Gyroscopic Rate of Turn/Slip Skid Indicators (Except Pro Line 21 and Pro Line Fusion)					
<b>-01</b>		<b>B</b>	<b>2</b>	<b>1</b>	May be inoperative on right side.	
<b>-02</b>		<b>B</b>	<b>2</b>	<b>1</b>	May be inoperative on left side provided aircraft is operated VFR only not at night.	
<b>-03</b>		<b>B</b>	<b>2</b>	<b>0</b>	May be inoperative provided aircraft is equipped with an operative third attitude indicator powered by an emergency power source.	
<b>-24-01</b>	Gyroscopic Directional Indicator Systems (Mechanical heading indicators only)	<b>B</b>	<b>2</b>	<b>1</b>	May be inoperative on right side provided: a) Second-In-Command is not required, and b) Aircraft is not equipped with EFIS, or servoed electric gyroscopic pitch and bank indicator.	
<b>-25-01</b>	Electronic Flight Instrument System (EFIS) Multi-Function Display Unit (MFD) (Collins EFIS-85B Only)					
<b>-01</b>	3 Tube System	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided the multi-function processing unit (MPU) is operative.	
<b>-02</b>	5 Tube System	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided the multi-function processing unit (MPU) is operative.	

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Sequence No.	Item	1	2	3	4	Change Bar
<b>-25-02</b>	Adaptive Flight Display System (AFD) (Collins Pro Line Fusion Equipped Airplanes)					
<b>-01</b>	Single Pilot (PFD 2 Control, PFD 2 Fan Inop, PFD Fan 1 Inop messages)	<b>B</b>	<b>3</b>	<b>2</b>	May be inoperative provided PFD 1 and the MFD are operative	
<b>-02</b>	Dual Pilot (MFD Control, MFD Fan Inop messages)	<b>B</b>	<b>3</b>	<b>2</b>	May be inoperative provided PFD 1 and PFD 2 are operative.	
<b>-03</b>	Touchscreen Control	<b>C</b>	<b>3</b>	<b>0</b>	(O) May be inoperative provided: a) Touchscreen is inhibited on the inoperative display with the display control inhibit switch on the reversion switch panel, and b) Both cursor control panels are operative.	
<b>-04</b>	Radio Tuning System (Display Tuning Not Available, Tune Inop, Left Side Display Tuning Inop, Right Side Display Tuning Inop. messages)	<b>B</b>	<b>3</b>	<b>2</b>	One may be inoperative	
<b>-25-03</b>	Synthetic Vision System (SVS) (Including Flight Path Vector) (Collins Pro Line Fusion Equipped Airplanes)	<b>D</b>	<b>2</b>	<b>0</b>	May be inoperative.  NOTE: PFD 1 SVS Obst, MFD SVS Obst, PFD 2 SVS Obst, SVS Degraded Alt, PFD 1 SVS Runway, MFD SVS Runway, PFD 2 SVS Runway, SVS Fail, and FPV Fail messages may be displayed.	
<b>-01</b>	SVS Databases (High Resolution Terrain, Runway/Airport, Obstacle)	<b>D</b>	<b>2</b>	<b>0</b>	May be inoperative.	

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Sequence No.	Item	1	2	3	4	Change Bar
-25-04	Electronic Flight Instrument System (EFIS) Symbol Generators (FF Serials with Bendix EFS-10 Only)				Deleted REV 10.	
-34-00	Marker Beacon System	<b>C</b>	-	<b>0</b>	Any in excess of those required by 14 CFR operating rule may be inoperative.	
-41-00	Flight Inspection Inertial Reference System (IRS) (FF Serials with Bendix EFS-10 Only)				Deleted REV 10.	
-42-00	Weather Radar/Thunderstorm Detection Equipment	<b>C</b>	<b>1</b>	<b>0</b>	As required by 14 CFR operating rule.	
-01	Radar Antenna Gyro Stabilization	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative provided: a) Antenna sweep is parallel with lateral axis, and b) Antenna tilt control is operative.	
-02	WXR Tilt Single Knob Panel System (SKP) (Proline FUSION Only)	<b>C</b>	<b>2</b>	<b>1</b>	One may be inoperative.	
-03 ***	Windshear Detection and Avoidance System (Predictive)	<b>B</b>	-	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used.  NOTE: Operator's alternate procedures should include reviewing windshear avoidance and windshear recovery procedures	

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Sequence No.	Item	1	2	3	4	Change Bar
<b>-44-00</b>	Terrain Awareness and Warning System (TAWS) (Class A TAWS Equipment Required by 14 CFR)					
<b>-01</b>	Ground Proximity Warning System (GPWS)	<b>A</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) Repairs are made within 2 flight days.	
<b>-01</b>	Modes 1-4	<b>A</b>	<b>4</b>	<b>0</b>	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) Repairs are made within 2 flight days.	
<b>-02</b>	Test Mode	<b>A</b>	<b>1</b>	<b>0</b>	May be inoperative provided: a) GPWS is considered inoperative, and b) Repairs are made within 2 flight days.	
<b>-03</b>	Glideslope Deviation(s) (Mode 5)	<b>C</b>	<b>-</b>	<b>1</b>		
<b>-04</b>	Glideslope Deviation(s) (Mode 5)	<b>B</b>	<b>-</b>	<b>0</b>		
<b>-05</b>	Advisory Callouts	<b>B</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used.	
<b>-06</b>	Advisory Callouts	<b>C</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided: a) Advisory callout not required by 14 CFR operating rule, and b) Alternate procedures are established and used.	
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Sequence No.	Item	1	2	3	4	Change Bar
<b>-44-00</b>	Terrain Awareness and Warning System (TAWS) (Class A required by 14 CFR) (Cont'd)					
<b>-01</b>	Ground Proximity Warning System (GPWS) (Cont'd)					
<b>-07 ***</b>	Windshear Mode (Reactive)	<b>B</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used.	
					NOTE: Operator's alternate procedures should include reviewing windshear avoidance and windshear recovery procedures.	
<b>-02</b>	Terrain System-Forward Looking Terrain Avoidance (FLTA) and Premature Descent Alert (PDA) Functions	<b>B</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used.	
<b>-03</b>	Terrain Displays	<b>C</b>	<b>-</b>	<b>1</b>		
<b>-04</b>	Terrain Displays	<b>B</b>	<b>-</b>	<b>0</b>		
<b>-05 ***</b>	Runway Awareness and Advisory System (RAAS)	<b>C</b>	<b>1</b>	<b>0</b>		

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Sequence No.	Item	1	2	3	4	Change Bar
<b>-44-01</b>	Class B TAWS Equipment Required by 14 CFR operating rule					
<b>-01</b>	GPWS	<b>A</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) Repairs are made within 2 flight days.	
<b>-01</b>	Modes 1 & 3	<b>A</b>	<b>2</b>	<b>0</b>	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) Repairs are made within 2 flight days.	
<b>-02</b>	Test Mode	<b>A</b>	<b>1</b>	<b>0</b>	May be inoperative provided: a) GPWS is considered inoperative, and b) Repairs are made within 2 flight days.	
<b>-03</b> ***	Modes 2, 4, & 5	<b>C</b>	<b>3</b>	<b>0</b>	May be inoperative.	
<b>-04</b>	Advisory Callouts	<b>B</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used.	
<b>-05</b>	Advisory Callouts	<b>C</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided: a) Advisory callouts not required by 14 CFR operating rule, and b) Alternate procedures are established and used.	
<b>-06</b> ***	Windshear Mode (Reactive)	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used.	
<b>-02</b>	Terrain System-Forward Looking Terrain Avoidance (FLTA) and Premature Descent Alert (PDA) Functions	<b>B</b>	<b>1</b>	<b>0</b>	May be inoperative.	
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Sequence No.	Item	1	2	3	4	Change Bar
<b>-44-01</b>	Class B TAWS Equipment Required by 14 CFR operating rule (Cont'd)					
<b>-03</b> ***	Terrain Displays	<b>C</b>	-	<b>0</b>		
<b>-04</b> ***	Runway Awareness & Advisory System (RAAS)	<b>C</b>	1	<b>0</b>		
<b>-05</b> ***	Airspace Selection Function	<b>C</b>	-	<b>0</b>		
<b>-44-02</b>	Class C TAWS Equipment Not Required by 14 CFR Operating Rule					
<b>-01</b> ***	TAWS/GPWS	<b>C</b>	1	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used.  NOTE 1: Any mode that operates normally may be used.  NOTE 2: If TEST mode is inoperative, TAWS/GPWS must be considered Inoperative.	
<b>-02</b>	Advisory Callouts					
<b>-10</b>		<b>B</b>	-	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used.	
<b>-20</b>		<b>C</b>	-	<b>0</b>	(O) May be inoperative provided: a) Advisory callout not required by 14 CFR operating rule, and b) Alternate procedures are established and used.	

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Sequence No.	Item	1	2	3	4	Change Bar
-44-03	Ground Proximity Altitude Advisory System (GPAAS)	C	1	0	May be inoperative.	
-44-04	Radio Altimeter					
-01		C	-	0	(M) (O) May be inoperative provided: a) Radio Altimeter is deactivated, b) Class A TAWS and/or GPWS are considered inoperative, c) TCAS II is considered inoperative, d) Approach procedures do not require its use, and e) Alternate procedures are established and used.	
-02					Deleted REV 10.	

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Sequence No.	Item	1	2	3	4	Change Bar
-45-00	Traffic Alert and Collision Avoidance System (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.	
-01		C	-	0	(M) May be inoperative provided: a) Not required by 14 CFR operating rule, b) System is deactivated and secured, and c) Enroute or approach procedures do not require its use.	
-45-10	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.	
-01		C	-	0	(M) May be inoperative provided: a) Not required by 14 CFR operating rule, b) System is deactivated and secured, and c) Enroute or approach procedures do not require its use.	

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Sequence No.	Item	1	2	3	4	Change Bar
<b>-45-10</b>	Traffic Alert and Collision Avoidance System (TCAS II) (Cont'd)					
<b>-02</b>	Combined Traffic Alert (TA) and Resolution Advisory (RA) Dual Display System(s)	<b>C</b>	<b>2</b>	<b>1</b>	May be inoperative on the non-flying pilot side provided: a) TA and RA visual display is operative on the flying pilot side, and b) TA and RA audio function is operative on the flying pilot side.	
<b>-03</b>	Resolution Advisory (RA) Display System(s)	<b>C</b>	<b>2</b>	<b>1</b>	May be inoperative on non-flying pilot side.	
	Resolution Advisory (RA) Display System(s)	<b>C</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided: a) Traffic alert (TA) visual display and audio functions are verified operative, b) TA ONLY mode is selected by the crew, and c) Enroute or approach procedures do not require its use.	
<b>-04</b>	Audio Functions	<b>B</b>	<b>1</b>	<b>0</b>	May be inoperative provided enroute or approach procedures do not require use of TCAS.	
<b>-05</b> <b>***</b>	Airspace Selection Function	<b>C</b>	<b>-</b>	<b>0</b>		
<b>-45-20</b> <b>***</b>	Traffic Advisory System (TAS)	<b>D</b>	<b>-</b>	<b>0</b>	May be inoperative.	

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Sequence No.	Item	1	2	3	4	Change Bar
<b>-50-10</b>	Area Navigation (RNAV) (Multi-Sensor, LORAN, and/or GPS)					
<b>-01</b>		<b>C</b>	-	-	Any in excess of those required by 14 CFR operating rule may be inoperative.	
<b>-02</b>		<b>D</b>	-	<b>1</b>	Any in excess of those required by 14 CFR operating rule may be inoperative.	
					NOTE: RNAV systems identified as FMS must only defer FMS functions limited to navigation and not affecting operation of other aircraft systems.	
<b>-03</b>	Database				DELETED REV 10.	
<b>-51-00</b>	UHF TACAN Systems	<b>D</b>	-	<b>0</b>	May be inoperative provided operations do not require its use.	
<b>-51-01</b>	Distance Measuring Equipment (DME) Systems					
<b>-01</b>		<b>C</b>	-	<b>0</b>	May be inoperative provided a suitable operative RNAV system is available for DME substitution.	
<b>-02</b>		<b>D</b>	-	<b>0</b>	Any in excess of 14 CFR operating rule may be inoperative.	
<b>-51-02</b>	Automatic Direction Finder (ADF)	<b>D</b>	-	-	May be inoperative provided procedures do not require its use.	

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**34. NAVIGATION**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-52-01</b>	ATC Transponder and Automatic Altitude Reporting System					
<b>-01</b>	(Individual transponder failed)	<b>D</b>	-	<b>1</b>	Any in excess of those required by 14 CFR operating rule may be inoperative.	
<b>-02</b>	(All transponders failed)	<b>B</b>	-	<b>0</b>	May be inoperative provided: a) Operations do not require its use, b) Prior to flight, approval is obtained from ATC facilities having jurisdiction over planned route of flight, c) TCAS is considered inoperative, and d) Aircraft is not operated RVSM.	
<b>-03</b> <b>***</b>	Elementary and Enhanced Downlink Aircraft Reportable Parameters (Not required by 14 CFR operating rule)	<b>A</b>	-	<b>0</b>	May be inoperative provided: a) Operations do not require their use, and b) Repairs are made prior to completion of next scheduled inspection/check of transponder.	
<b>-04</b> <b>***</b>	ADS-B Squitter Transmission	<b>D</b>	-	<b>0</b>	May be inoperative provided operations do not require its use.	
<b>-05</b> <b>***</b>	ADS-B Squitter Transmission	<b>C</b>	-	<b>0</b>	(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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Sequence No.	Item	1	2	3	4	Change Bar
-52-02	Transponder Ident Button (ATC IDENT)	C	-	1		
-01		D	2	1	One may be inoperative.	
-02		C	2	0	May be inoperative provided function on MFD GTC is operative.	
-03	Control Wheel Transponder Ident Switch					
	(separate transponder unit)	C	-	0	May be inoperative provided Transponder Ident Selection is operative.	
	(integrated transponder unit) (Proline 21 and FUSION only)	C	2	1	May be inoperative provided function on the Collins Radio Tuning Unit (RTU) or Radio Tuning System (RST) is operative.	

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**34. NAVIGATION**

Sequence No.	Item	1	2	3	4	Change Bar
<b>52-10</b>	Automatic Dependent Surveillance-Broadcast (ADS-B) System					
<b>-01</b>	ADS-B System					
<b>-01</b>		<b>C</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) It is not required by 14 CFR.  NOTE: Any ADS-B function that operates normally may be used.	
<b>-02</b>		<b>D</b>	<b>-</b>	<b>0</b>	May be inoperative provided: a) Enroute operations do not require its use, and b) It is not required by 14 CFR.  NOTE: Any ADS-B function that operates normally may be used.	
<b>-03</b>		<b>C</b>	<b>-</b>	<b>1</b>	One must be operative as required by 14 CFR.  NOTE: Any ADS-B function that operates normally may be used.	
<b>-02</b> <b>***</b>	ADS-B Out Extended Squitter Transmissions					
<b>-01</b>		<b>C</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided: a) Alternate procedures are established and used, b) Authorization is obtained from ATC facilities having jurisdiction over planned route of flight, and c) It is not required by 14 CFR.	
<b>-02</b>		<b>C</b>	<b>-</b>	<b>0</b>	One must be operative as required by 14 CFR.  NOTE: Any ADS-B function that operates normally may be used.	

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**34. NAVIGATION**

Sequence No.	Item	1	2	3	4	Change Bar
<b>52-10</b>	Automatic Dependent Surveillance-Broadcast (ADS-B) System (Cont'd)					
<b>-03</b> <b>***</b>	ADS-B Out UAT Transmissions					
<b>-01</b>		<b>C</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided: a) Enroute operations do not require its use, b) Authorization is obtained from ATC facilities having jurisdiction over planned route of flight, and c) It is not required by 14 CFR.	
					NOTE: Any ADS-B Out function that operates normally may be used.	
<b>-02</b>		<b>C</b>	<b>-</b>	<b>1</b>	One must be operative as required by 14 CFR.	
					NOTE: Any ADS-B function that operates normally may be used.	
<b>-04</b> <b>***</b>	ADS-B In Transmissions					
<b>-01</b>		<b>C</b>	<b>-</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used.	
					NOTE: Any ADS-B function that operates normally may be used.	
<b>-02</b>		<b>D</b>	<b>-</b>	<b>0</b>	May be inoperative provided operations do not require its use.	
					NOTE: Any ADS-B function that operates normally may be used.	

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4. REMARKS OR EXCEPTIONS

**34. NAVIGATION**

Sequence No.	Item	1	2	3	4	Change Bar
-60-00 ***	Flight Profile Advisory System	C	1	0	May be inoperative.	
-60-10	Flight Management System (Aircraft Integrated Systems)				NOTE: Navigation functions and systems identified as FMS that provide only navigation functions are deferred with area navigation.	
-01		C	-	1	May be inoperative provided operations do not require its use.	
-02		A	-	0	May be inoperative provided: a) Operations do not require its use, b) Affected systems are identified and considered inoperative, and c) Repairs are made within two flight cycles.	

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**35. OXYGEN**

Sequence No.	Item	1	2	3	4	Change Bar
-00-01	External Oxygen Gauge	C	1	0	(M) May be inoperative provided the internal oxygen gauge is monitored during servicing to avoid over-servicing.	
-10-00 ***	Protective Breathing Equipment (PBE)	D	-	-	May be missing or inoperative provided location placarding is removed or obscured.	
-20-00	Passenger Oxygen System					
-01	With Cabin Occupants	C	1	0	May be inoperative provided system not required by 14 CFR operating rule.	
-02	Without Cabin Occupants	D	1	0	May be inoperative.	
-03	Passenger Oxygen Mask	C	-	0	(M) May be inoperative provided: a) Corresponding passenger seats are blocked and placarded "DO NOT OCCUPY", and b) Affected mask does not permit flow when oxygen system is activated.	

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**37. VACUUM/PRESSURE**

Sequence No.	Item	1	2	3	4	Change Bar
-10-00	Instrument Air Valve (B300 & B300C Only)	C	2	1	(O) One may be inoperative provided: a) Inoperative valve is verified closed, b) Aircraft is not operated in known or forecast icing conditions, and c) Aircraft is operated at or below Flight Level 250.	
-20-00	Suction Gauge	C	1	0	May be inoperative provided aircraft is not operated in known or forecast icing conditions.	

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**38. WATER/WASTE**

Sequence No.	Item	1	2	3	4	Change Bar
-10-00 ***	Potable Water Systems	D	-	-	May be broken, missing or inoperative provided system is drained and not serviced.	
-30-00 ***	Lavatory Waste Systems (Electric Circulation Toilet)	C	1	0	Individual components may be inoperative provided: a) Cabin occupants are briefed prior to each flight that lavatory is inoperative and unusable, and b) Lavatory is placarded "DO NOT USE".	

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**45. CENTRAL MAINTENANCE SYSTEM**

Sequence No.	Item	1	2	3	4	Change Bar
-00-00	Onboard Maintenance System (OMS) (Proline FUSION Only)	D	1	0	NOTE: License management Not Available, Database Status Not Available, Maintenance System Not Available, and Data Load Not Available messages may be displayed.	

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**46. INFORMATION SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
-00-01 ***	Electronic Flight Bag System (EFB)	C	-	0	(O) May be inoperative provided alternate procedures are established and used.  NOTE 1: If alternate procedures involve electronic devices, dual redundancy is required for operation.  NOTE 2: Any function, program or document which operates normally may be used.	
-01		D	-	0	May be inoperative provided procedures do not require its use.	
-02 ***	Power Connection (Class 1 & 2)	C	-	0	(O) May be inoperative provided alternate procedures are established and used.	
-03	Mounting Device (Class 2)	C	-	0	(M) (O) May be inoperative provided: a) The associated EFB and hardware is secured by an alternate means or removed from the aircraft and b) Alternate procedures are established and used.	
-04		D	-	0	(M) May be inoperative provided: a) Associated EFB and hardware is secured by an alternate means or removed from the aircraft, and b) Procedures do not require its use.	

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4. REMARKS OR EXCEPTIONS

**46. INFORMATION SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-10-00</b> ***	Integrated Flight Information System (Pro Line 21 IFIS-5000)				NOTE: Single FSU is not authorized for sole source of aeronautical information.	
<b>-01</b>	File Server Unit (FSU) (FSU INOP Message)	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used to ensure all information pertinent to the flight is accessible at the pilot station in current and appropriate form.  NOTE: If alternate source is electronic, dual redundancy is required for operation.	
<b>-02</b>	Right Side Cursor Control Panel (CCP)	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used to ensure all information pertinent to the flight is accessible at the pilot station in current and appropriate form.  NOTE 1: If alternate procedures involve electronic devices, dual redundancy is required for operation.  NOTE 2: CCP 2 Inop amber CAS message may be displayed.	
<b>-03</b> ***	Communications Management Unit (CMU)	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used for ACARS and Universal WX inoperative.	
<b>-04</b> ***	Third VHF Communications Radio	<b>C</b>	<b>1</b>	<b>0</b>	(O) May be inoperative provided alternate procedures are established and used for ACARS and Universal WX inoperative.	
<b>-05</b> ***	XM Satellite Weather System	<b>C</b>	<b>1</b>	<b>0</b>	May be inoperative.	

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**46. INFORMATION SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-10-10</b> ***	Information Management System (IMS-3500) (Collins Pro Line Fusion Equipped Airplanes)	<b>D</b>	-	<b>0</b>	May be inoperative.	
<b>-01</b> ***	WiFi Adapter (Collins Pro Line Fusion Equipped Airplanes)	<b>D</b>	-	<b>0</b>	May be inoperative.	
<b>-02</b> ***	Cellular Adapter (Collins Pro Line Fusion Equipped Airplanes)	<b>D</b>	-	<b>0</b>	May be inoperative.	

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4. REMARKS OR EXCEPTIONS

**46. INFORMATION SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
-10-20	File Server Application (FSA) (Pro Line FUSION FSA-5000)				NOTE: Single FSA is not authorized for sole source of aeronautical information. FSA is available for each AFD by option.	
-01	FSA Integrated Flight Information System (Includes Map, Charts, XM Graphical Weather, and Datalink Graphical Weather)	C	-	0	(O) May be inoperative provided alternate procedures are established and used to ensure all information associated with the flight is available at the pilot station in current and appropriate form.  NOTE 1: If alternate source is electronic, dual redundancy is required for operation.  NOTE 2: The following CAS Messages may be displayed: PFD 1 IFIS Inop, MFD IFIS Inop, or PFD 2 IFIS Inop.  NOTE 3: The following messages may be displayed: Chart Not Available, Graphical Weather Not Available, XM Graphical Weather Not Available, or Map Not Available.	
-02	IFIS Databases (Terminal Charts, XM Weather, Enhanced Maps, and Datalink WXR)	C	-	0	(O) May be inoperative provided alternate procedures are established and used to ensure all information associated with the flight is available at the pilot station in current and appropriate form.	

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		4. REMARKS OR EXCEPTIONS	

**46. INFORMATION SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
-10-20	File Server Application (FSA) (Pro Line FUSION FSA-5000) (Cont'd)					
-03	Electronic Checklist System	C	3	0	May be inoperative provided an alternate copy of the checklist is available to the crew.  NOTE: The following checklist messages may be displayed: Checklist Not Available	
-04	Data Link System	D	-	0	May be inoperative provided alternate procedures are established and used for affected information.  NOTE 1: The following CAS Messages may be displayed: Data Link Fail, Data Link Inop, or Data Link Lost.  NOTE 2: The following message may be displayed: Datalink Not Available to ECDU.	

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4. REMARKS OR EXCEPTIONS

**46. INFORMATION SYSTEMS**

Sequence No.	Item	1	2	3	4	Change Bar
<b>-10-30</b> ***	Datalink System (Other than Collins Pro Line 21 or Fusion)	<b>D</b>	-	<b>0</b>		
<b>-01</b>	Radio	<b>D</b>	-	<b>0</b>	May be inoperative.	
<b>-02</b>	Weather	<b>D</b>	-	<b>0</b>	May be inoperative provided procedures do not require its use.	
					NOTE: Any function(s) that operate normally may be used.	
<b>-02</b>	Weather	<b>C</b>	-	<b>0</b>	May be inoperative provided alternate procedures are established and used to obtain weather data.	
<b>-03</b>	Internet	<b>D</b>	-	<b>0</b>	May be inoperative.	
<b>-40-11</b>	Multifunction Keypad Panel (MKP) (Proline FUSION Only)	<b>B</b>	<b>1</b>	<b>0</b>	May be inoperative provided: a) Touchscreen is operative on PFD1, MFD, and PFD2, and b) Both CCPs are operative and alphanumeric entry is done through CCP.	
					NOTE: MKP Inop CAS Message may be displayed.	
<b>-40-12</b>	Baro Single Knob Panel (SKP) (Proline FUSION Only)	<b>C</b>	<b>2</b>	<b>1</b>	(O) May be inoperative provided Baro is in SYNC Mode on the Display Setup Page of the system menu.	

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**49. AIRBORNE AUXILIARY POWER**

Sequence No.	Item	1	2	3	4	Change Bar
-01-01 ***	Auxiliary Power Unit (APU)				DELETED REV 10.	

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**52. DOORS**

Sequence No.	Item	1	2	3	4	Change Bar
-10-01	Cabin Door Snubber	C	1	0	(O) May be inoperative or missing provided precautions are taken when opening door.	
-10-02	Cabin Door Seal	C	1	0	May be damaged and/or inoperative provided: a) Door seal does not interfere with door operation, and b) Cabin pressurization system is considered inoperative.	
-10-03	Cabin Door Cable Covers	D	-	0	May be damaged or missing provided it does not interfere with normal operation of the cabin door.	
10-04	Cabin Door Key Lock	C	1	0	May be inoperative in the unlocked position.	
-30-00	Cargo Door and/or Integrated Airstair Door Seal	C	2	0	May be damaged, sections missing, or inoperative provided: a) Door Seal does not interfere with door operation, and b) Cabin Pressurization System is considered inoperative.	
-01	Air Stair Door Cable Covers	D	-	0	May be damaged or missing provided it does not interfere with normal operation of the cabin door.	
-70-01	CABIN DOOR (red) Annunciator System				MOVED TO ATA 31 REV 10.	
-70-01	Cabin Door Warning System	C	1	0	(O) May be inoperative provided flight crewmember confirms by visual inspection that the cabin door is closed, latched and locked prior to each takeoff	

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		4. REMARKS OR EXCEPTIONS			

**52. DOORS**

Sequence No.	Item	1	2	3	4	Change Bar
-70-02	Cabin Door Lock and Upper Door Latch Observation Light System	C	1	0	(O) May be inoperative provided a crewmember confirms, by visual inspection, using a flashlight that latches are in the locked position prior to each departure.	
-70-02	Cabin Door Annunciation (red) (DOOR UNLOCKED)				MOVED TO ATA 31 REV 10.	   

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4. REMARKS OR EXCEPTIONS

**55. STABILIZERS**

Sequence No.	Item	1	2	3	4	Change Bar
-20-00	Elevator Button Plug	C	-	0	May be missing or broken	

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4. REMARKS OR EXCEPTIONS

**56. WINDOWS**

Sequence No.	Item	1	2	3	4	Change Bar
-30-00	Camera Window FOD Door System (STC SA2429CE Only)	C	-	0	May be inoperative with doors in the OPEN, CLOSED, or In-Transit position.	

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**57. WINGS**

Sequence No.	Item	1	2	3	4	Change Bar
-40-00	Wing Attach Bolt Cover	C	-	0	May be missing, damaged or inoperative.	

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**61. PROPELLERS**

Sequence No.	Item	1	2	3	4	Change Bar
-21-01	Propeller Synchrophaser/ Synchronizer System	C	1	0		
-01	Propeller Synchroscope	C	1	0		
-23-01	Autofeather Annunciation (amber) (AUTOFTHER OFF) Ann (Autofeather Off) CAS (B300 & B300C Only)				MOVED TO ATA 31 REV 10.	

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4. REMARKS OR EXCEPTIONS

**71. POWERPLANT**

Sequence No.	Item	1	2	3	4	Change Bar
-31-01	Engine Cowling Bolt Covers	C	4	0	May be missing.	

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4. REMARKS OR EXCEPTIONS

**73. ENGINE AND FUEL CONTROL**

Sequence No.	Item	1	2	3	4	Change Bar
-31-01	Fuel Flow Indicators	B	2	1	(M) One may be inoperative provided both fuel quantity indicating systems are operative and transducer is not leaking.	

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4. REMARKS OR EXCEPTIONS

**74. IGNITION**

Sequence No.	Item	1	2	3	4	Change Bar
-00-01	L or R IGNITION ON Annunciator (green) (Except Proline FUSION)				MOVED TO ATA 31 REV 10.	

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**77. ENGINE INDICATING**

Sequence No.	Item	1	2	3	4	Change Bar
-12-01	Dual Function Torque Indicator	C	2	0	Digital function only may be inoperative.	
-14-01	Dual Function N1 Indicator	C	2	0	Digital function only may be inoperative.	

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**79. ENGINE OIL**

Sequence No.	Item	1	2	3	4	Change Bar
-30-01	Oil Pressure Annunciation (red) (L or R OIL PRES LO) Ann, (L or R or L-R Oil Press Low) CAS				MOVED TO ATA 31 REV 10.	