



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

---

# **Master Minimum Equipment List (MMEL)**

---

Revision: 3  
Date: 08/07/2019

## **Textron Aviation Model 525B Citation CJ3, CJ3+**

Victoria Linkous, Chair  
Flight Operations Evaluation Board (FOEB)

Federal Aviation Administration (FAA)  
Small Aircraft Evaluation Group  
901 Locust Street, Department of Transportation Building  
Kansas City, MO 64106

Telephone: (816) 329-3233  
Fax: (816) 329-3241  
Email: 9-AVS-AFS-100@faa.gov

REVISION NO. 3  
DATE: 08/07/2019

PAGE NO. I

AIRCRAFT:

Textron Aviation Model 525B

**TABLE OF CONTENTS AND CONTROL PAGE**

SYSTEM NO.	SYSTEM	PAGE NO.	REV NO.	DATE
--	Cover Page	--	3	08/07/2019
--	Table of Contents and Control Page	I	3	08/07/2019
	Log of Revisions	II	3	08/07/2019
--	Highlights of Change	III thru IV	3	08/07/2019
--	Definitions and Preamble	V	2	09/22/2014
--	Guidelines for (M) and (O) Procedures	VI	3	08/07/2019
21	Environmental Control	21-1 thru 10	2	09/22/2014
22	Autoflight	22-1 thru 8	2	09/22/2014
23	Communications	23-1 thru 9	3	08/07/2019
24	Electrical Power	24-1 thru 2	2	09/22/2014
25	Equipment/Furnishings	25-1 thru 8	2	09/22/2014
26	Fire Protection	26-1	2	09/22/2014
27	Flight Controls	27-1	2	09/22/2014
28	Fuel	28-1 thru 2	2	09/22/2014
30	Ice and Rain Protection	30-1 thru 3	2	09/22/2014
31	Indicating/Recording Systems	31-1 thru 4	3	08/07/2019
32	Landing Gear	32-1	2	09/22/2014
33	Lights	33-1 thru 5	3	08/07/2019
34	Navigation	34-1 thru 17	3	08/07/2019
35	Oxygen	35-1 thru 2	3	08/07/2019
38	Water/Waste	38-1	2	09/22/2014
45	Central Maintenance System	45-1	2	09/22/2014
46	Information Systems	46-1	2	09/22/2014
52	Doors	52-1 thru 4	2	09/22/2014
73	Engine Fuel and Control	73-1	2	09/22/2014
76	Engine Control	76-1	2	09/22/2014
77	Engine Indicating	77-1	2	09/22/2014

REVISION NO. 3  
DATE: 08/07/2019

PAGE NO. II

AIRCRAFT:  
Textron Aviation Model 525B

**LOG OF REVISIONS**

REV NO.	DATE
Original	12/06/2004
1	02/26/2014
2	09/22/2014
3	08/07/2019

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: 08/07/2019	PAGE NO. III
AIRCRAFT: Textron Aviation Model 525B	<b>HIGHLIGHTS OF CHANGE</b>

Revised all pages to reflect the change of Type Certificate holder from Cessna to Textron Aviation as listed in TCDS A1WI. Updated document into the 508-compliant template. Pages revised for the name change and 508 compliance will not be marked with a revision date or change bars.

Revision 3 also includes Policy Letter (PL) updates and additional Original Equipment Manufacturer (OEM) and Supplemental Type Certificate (STC) relief.

ATA NO.	EXPLANATION OF CHANGE
General	Minor editorial corrections were made throughout the document that do not affect the reliefs and are not indicated with change bars. These editorial corrections may be adopted in Minimum Equipment Lists (MEL) at the operator's discretion.
<b>ATA 23 COMMUNICATIONS</b>	
23-50-08	Added "with Pro Line 21 installed" to the Item name
23-50-09	Added relief for Radio Tuning System (RTS) (Units -0001 thru -0450 with Pro Line Fusion® installed)
23-60-01	Renumbered and combined static wick sub-items for clarification and consistency.
23-70-01	Sub-item -00A Removed a) FDR proviso is not applicable to this aircraft. Sub-item -00C relief moved to sub-items -00A and -00B. (Ref.14 CFR 91.609).
<b>ATA 31 INDICATING/RECORDING SYSTEMS</b>	
31-30-02	Added "****" to sequence number and new line to proviso.
31-30-03	Revised FDR relief. Removed sub-items (Ref. 14 CFR 91.609).
<b>ATA 33 LIGHTS</b>	
33-40-03-00C	Added relief for LED landing lights installed at the factory or by Textron Aviation Service Bulletin.
33-40-01	Revised proviso. Removed 00A and 00B.
33-40-02	Revised proviso.
33-40-03	Removed '(O)' from sub-items 1 and 2.
<b>ATA 34 NAVIGATION</b>	
34-24-01	Added relief for Cursor Control Panel (CCP 2) (Units -0001 thru -0450 with Pro Line Fusion® installed).
34-25-01	Added "with Pro Line 21 installed" to the Item name

REVISION NO. 3  
DATE: 08/07/2019

PAGE NO. IV

AIRCRAFT:

Textron Aviation Model 525B

**HIGHLIGHTS OF CHANGE**

ATA NO.	EXPLANATION OF CHANGE
34-25-05	Renumbered Sub-Items for clarification and consistency. Removed proviso d.).
34-25-07	Added relief for AFD Touchscreen Control (Units -0001 thru -0450 with Pro Line Fusion® installed).
34-25-08	Added relief for TILT Single Knob Panel (TILT SKP 2) (Units -0001 thru -0450 with Pro Line Fusion® installed).
34-25-09	Added relief for BARO Single Knob Panel (BARO SKP 2) (Units -0001 thru -0450 with Pro Line Fusion® installed).
34-25-10	Added relief for Synthetic Vision System (SVS) (Units -0001 thru -0450 with Pro Line Fusion® installed)
34-25-12	Added relief for Multifunction Keyboard Panel (MKP) (Units -0001 thru -0450 with Pro Line Fusion® installed)
34-52-01-00B	Removed "if installed" from proviso.
34-52-01-02	Moved to ATA 34-58-01 revised PL-76 R7 removes the Automatic Dependent Surveillance Broadcast (ADS-B) squitter transmissions relief (relief is provided in PL-105).
34-52-02	Added relief for ABS-B (PL-105 Rev 2). Added relief for STCs.
34-60-02	Added Note for ADS-B
34-61-01	Navigation Database: Removed relief in Rev 3 due to change in PL-98 Rev 1
ATA 35 OXYGEN	
35-30-02	Amended PBE relief. Added "Portable" to item name and added Note.

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 2 DATE: 09/22/2014	PAGE NO. V
AIRCRAFT: Textron Aviation Model 525B	<b>DEFINITIONS AND PREAMBLE</b>

## DEFINITIONS

The required definitions listed are listed in Appendix B of 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.

## PREAMBLE

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

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	MASTER MINIMUM EQUIPMENT LIST
REVISION NO. 3 DATE: 08/07/2019	PAGE NO. VI
AIRCRAFT: Textron Aviation Model 525B	<b>GUIDELINES FOR (M) AND (O) PROCEDURES</b>

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:

Cessna has developed recommended (M) maintenance and (O) operational procedures for the Textron Aviation 525B Master Minimum Equipment List (P/N 525BCOMP-02-00, or later revision). Operator's MEL procedures should be based on the Cessna procedures.

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 21-1

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**21. Environmental Control**

Sequence No.	Item	1	2	3	4	Change Bar
-20-01	Cabin Overhead Air Outlet	C	-	0		
-20-02	Cockpit Overhead Air Outlet	C	2	0		
-20-06	Cockpit Torso Air Outlet	C	2	0	One may be inoperative.	
-21-06	Glareshield Fan	C	2	1		
-21-08	Nose Avionics Cooling Fan	C	1	0		
-21-12	Defog Fan	C	1	0	May be inoperative provided: a) Windshield anti-ice system is operative, b) Both glareshield fans are operative, and c) A means to clear windshield of moisture is readily available.	
-30-01	Cabin Dump Function (Unpressurized)	C	1	0	(M) May be inoperative provided: a) One outflow valve is removed, and b) Cabin pressurization system is considered inoperative (Refer to item 21-30-02).	



REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 21-2

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**21. Environmental Control**

Sequence No.	Item	1	2	3	4	Change Bar
-30-02	Cabin Pressurization System					
-00A	(Unpressurized with cabin occupants) (Units -0001 thru -0450)	C	1	0	(O) May be inoperative provided: a) PRESS SYSTEM SELECT is selected to MANUAL, b) CABIN DUMP is selected ON, c) Aircraft is operated at 13,600 feet cabin altitude or below, and d) Flightcrew oxygen system is used as required by 14 CFR.	
	(Unpressurized with cabin occupants) (Units -0451 and on)	C	1	0	(O) May be inoperative provided: a) PRESSURIZATION is selected to STBY, b) CABIN DUMP is selected ON, c) Aircraft is operated at 13,600 feet cabin altitude or below, and d) Flightcrew oxygen system is used as required by 14 CFR.	
					NOTE: CABIN ALT red annunciator may illuminate and CABIN PRESSURE aural warning may sound (voice-equipped aircraft) at 9,500 feet cabin altitude.	
					NOTE: PRESSURIZATION CTRL amber message may appear. CABIN ALTITUDE red message may appear and CABIN ALTITUDE aural warning may sound at 9,500 feet cabin altitude.	
(Continued)						

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 21-3

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**21. Environmental Control**

Sequence No.	Item	1	2	3	4	Change Bar
-30-02	Cabin Pressurization System (Cont'd)					
-00B	(Unpressurized without cabin occupants) (Units -0001 thru -0450)	C	1	0	(M) (O) May be inoperative provided: a) PRESS SYSTEM SELECT is selected to MANUAL, b) Emergency pressurization system is deactivated, c) CABIN DUMP is selected ON, d) OXYGEN CONTROL VALVE is selected to CREW ONLY, e) No cabin occupants are carried, f) Aircraft is operated at FL250 or below, and g) Flightcrew oxygen system is used as required by 14 CFR.	
	(Unpressurized without cabin occupants) (Units -0451 and on)	C	1	0	(O) May be inoperative provided: a) PRESSURIZATION is selected to STBY, b) CABIN DUMP is selected ON, c) OXYGEN CONTROL VALVE is selected to CREW ONLY, d) No cabin occupants are carried, e) Aircraft is operated at FL250 or below, and f) Flightcrew oxygen system is used as required by 14 CFR.	
					NOTE: CABIN ALT red annunciator may illuminate and CABIN PRESSURE aural warning may sound (voice-equipped aircraft) at 9,500 +/- 400 feet cabin altitude.	
					NOTE: PRESSURIZATION CTRL amber message may appear. CABIN ALTITUDE red message may appear and CABIN ALTITUDE aural warning may sound at 9,500 feet cabin altitude.	

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 21-4

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**21. Environmental Control**

Sequence No.	Item	1	2	3	4	Change Bar
-30-03	Emergency Pressurization System (Failed closed)	C	1	0	(O) May be inoperative provided: a) Emergency pressurization valve is verified closed, and b) Aircraft is operated at FL250 or below.	
-31-02	Cabin Pressurization System Mode					
-01	Automatic Schedule Mode (Units -0001 thru -0450)	C	1	0	May be inoperative provided: a) Isobaric mode is operative, b) Cabin differential pressure gauge / indication is operative, c) Cabin altitude gauge / indication is operative, and d) Cabin vertical speed gauge / indication is operative.	
	Automatic Schedule Mode (NORM) (Units -0451 and on)	C	1	0	May be inoperative provided cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
-03	Isobaric Mode (Units -0001 thru -0450)	C	1	0	May be inoperative provided automatic schedule mode is operative.	
-04	Any Mode (Excluding manual) (Units -0001 thru -0450)	C	2	0	May be inoperative provided cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
	Any Mode (Excluding manual) (Units -0451 and on)	C	1	0	May be inoperative provided cabin pressurization system is considered inoperative (Refer to item 21-30-02).	

REVISION NO. 2

PAGE NO. 21-5

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**21. Environmental Control**

Sequence No.	Item	1	2	3	4	Change Bar
-32-01	Cabin Altitude Gauge/Indication					
-00A	(Pressurized)	C	1	0	(O) May be inoperative provided: <ul style="list-style-type: none"> <li>a) Cabin pressurization system automatic schedule mode is operative and used,</li> <li>b) Cabin differential pressure gauge/indication is operative, and</li> <li>c) A chart is provided to convert differential pressure and aircraft altitude to cabin altitude.</li> </ul>	
-00B	(Unpressurized)	C	1	0	May be inoperative provided cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
-01	Gauge Lighting (Units -0001 thru -0450)	C	1	0	May be inoperative provided flightcrew determines adequate natural or artificial lighting exists to read gauge.	
-32-02	Cabin Differential Pressure Gauge/Indication					
-00A	(Pressurized)	C	1	0	(O) May be inoperative provided: <ul style="list-style-type: none"> <li>a) Cabin pressurization system automatic schedule mode is operative and used,</li> <li>b) Cabin altitude gauge/indication is operative, and</li> <li>c) A chart is provided to convert cabin and aircraft altitude to differential pressure.</li> </ul>	
-00B	(Unpressurized)	C	1	0	May be inoperative provided cabin pressurization system is considered inoperative (Refer to item 21-30-02).	

REVISION NO. 2

PAGE NO. 21-6

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**21. Environmental Control**

Sequence No.	Item	1	2	3	4	Change Bar
-32-03	Cabin Vertical Speed Gauge/Indication					
-00A	(Pressurized)	C	1	0	May be inoperative provided: a) Cabin pressurization system automatic schedule mode is operative and used, and b) Cabin altitude gauge/indication is operative.	
-00B	(Unpressurized)	C	1	0	May be inoperative provided cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
-33-01	Cabin Outflow Valve	C	2	0	(M) May be inoperative provided: a) One outflow valve is removed, and b) Cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
-33-02	Pressure Regulating Valve					
-00A	(Pressurized) (Units -0001 thru -0450)	C	2	1	(M) One may be inoperative provided: a) Affected valve is secured for no flow, b) Cabin pressurization system is operative, c) AIR SOURCE SELECT is selected to operative source, and d) Aircraft is operated at FL250 or below.	
(Continued)						

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 21-7

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**21. Environmental Control**

Sequence No.	Item	1	2	3	4	Change Bar
-33-02	Pressure Regulating Valve (Cont'd)					
-00A	(Pressurized) (Units -0451 and on)	C	2	1	(M) One may be inoperative provided: a) Affected valve is secured for no flow, b) Cabin pressurization system is operative, c) AIR SOURCE is selected to operative source, and d) Aircraft is operated at FL250 or below.	
-00B	(Unpressurized) (Units -0001 thru -0450)	C	2	0	(M) May be inoperative provided: a) Both valves are secured for no flow, b) AIR SOURCE SELECT is selected OFF, c) Cockpit and cabin temperature control systems are considered inoperative (Refer to item 21-60-01), and d) Cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
	(Unpressurized) (Units -0451 and on)	C	2	0	(M) May be inoperative provided: a) Both valves are secured for no flow, b) AIR SOURCE is selected OFF, c) Cockpit and cabin temperature control systems are considered inoperative (Refer to item 21-60-01), and d) Cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
-33-03	Flow Control Valve	C	2	1	May be inoperative provided both pressure regulating valves are operative.	

REVISION NO. 2

PAGE NO. 21-8

DATE: 09/22/2014

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**21. Environmental Control**

Sequence No.	Item	1	2	3	4	Change Bar
-50-02	Vapor-cycle Air Conditioning System (Units -0001 thru -0450)	C	1	0	(M) May be inoperative provided: a) Air conditioning system is deactivated, b) AIR CONDITIONING is selected OFF, c) Windshield defog is considered inoperative (Refer to item 21-21-12), d) Cabin and cockpit temperature control systems are operative, and e) All glareshield fans are operative.	
	Vapor-cycle Air Conditioning System (Units -0451 and on)	C	1	0	(M) May be inoperative provided: a) Air conditioning system is deactivated, b) AIR COND is selected OFF on GTC Temperature page, c) Windshield defog is considered inoperative (Refer to item 21-21-12), d) Cabin and cockpit temperature control systems are operative, and e) All glareshield fans are operative.	
-01 ***	Compressor Hour Meter	C	1	0	(O) May be inoperative provided compressor hours are tracked by alternate means.	
-02	Compressor Light (COMPRESSOR ON) (Units -0001 thru -0450)	C	1	0		

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 21-9

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**21. Environmental Control**

Sequence No.	Item	1	2	3	4	Change Bar
-50-03	Evaporator Fan					
-05	Forward (FWD) (Units -0001 thru -0450)	C	1	0	(M) May be inoperative provided: a) Aft evaporator fan is operative, b) Forward evaporator fan is deactivated, c) DEFOG FAN is selected OFF, d) Windshield anti-ice system is operative, and e) A means to clear windshield of moisture is readily available.	
	Forward (FWD) (Units -0451 and on)	C	1	0	(M) May be inoperative provided: a) Aft evaporator fan is operative, b) Forward evaporator fan is deactivated, c) DEFOG is selected OFF on GTC Temperature page, d) Windshield anti-ice system is operative, and e) A means to clear windshield of moisture is readily available.	
-06	Aft (AFT)	C	1	0	(M) May be inoperative provided: a) Forward evaporator fan is operative, b) Aft evaporator fan is deactivated, and c) Cockpit and cabin temperature control system manual mode is operative and used.	



REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 21-10

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**21. Environmental Control**

Sequence No.	Item	1	2	3	4 <span style="float: right;">Change Bar</span>
-60-01	Cockpit and Cabin Temperature Control System	C	2	0	May be inoperative provided cabin pressurization system is considered inoperative (Refer to item 21-30-02).
-01	Automatic Mode	C	1	0	May be inoperative provided temperature control system manual mode is used.
-02	Manual Mode	C	1	0	May be inoperative provided temperature control system automatic mode is used.

REVISION NO. 2

PAGE NO. 22-1

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**22. Autoflight**

Sequence No.	Item	1	2	3	4	Change Bar
-10-01	Autopilot Disconnect Button (AP TRIM DISC) (Failed deselected) (Units -0001 thru -0450)					
	Autopilot Disconnect Button (AP DISC) (Failed deselected) (Units -0451 and on)					
-00A	Left Control Wheel	C	1	0	May be inoperative provided: a) Right control wheel button is operative, b) A pilot remains seated in right seat with seat belt fastened during all autopilot operations, c) Autopilot system is not used below AFM cruise minimum use height, and d) Approach minimums do not require use of autopilot system.	
-00B	Right Control Wheel	C	1	0	May be inoperative for single-pilot operations.	
-00C	(All buttons failed)	B	2	0	May be inoperative provided: a) Autopilot system is considered inoperative (Refer to item 22-10-03), and b) Electric elevator trim is considered inoperative (Refer to item 27-31-01).	
-10-02	Autopilot Interrupt/Flight Director Sync Button (A/P SYNC) (Units -0001 thru -0450)	C	2	0		

REVISION NO. 2

PAGE NO. 22-2

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**22. Autoflight**

Sequence No.	Item	1	2	3	4	Change Bar
-10-02	Autopilot Interrupt/Flight Director Sync Button (CWS) (Units -0451 and on)	C	2	0		
-10-03	Autopilot System	B	1	0	(M) May be inoperative provided: <ul style="list-style-type: none"> <li>a) Autopilot system is deactivated,</li> <li>b) Enroute procedures and approach minimums do not require use of autopilot system,</li> <li>c) Cabin pressurization system is operative,</li> <li>d) Aircraft is not operated RVSM,</li> <li>e) Aircraft is not operated single-pilot, and</li> <li>f) Yaw damper is considered inoperative (Refer to item 22-10-05).</li> </ul>	
-10-04	Takeoff/Go-Around Button (GA)	C	1	0	May be inoperative provided: <ul style="list-style-type: none"> <li>a) Flight director is not used during takeoff or go-around,</li> <li>b) Autopilot system is disconnected for go-around, and</li> <li>c) Autopilot interrupt/flight director sync button is operative on pilot flying side.</li> </ul> <p>NOTE: FMS missed approach procedure must be manually advanced.</p>	
-10-05	Yaw Damper	B	1	0	(M) May be inoperative provided: <ul style="list-style-type: none"> <li>a) Yaw damper is deactivated,</li> <li>b) Autopilot system is considered inoperative (Refer to item 22-10-03), and</li> <li>c) Aircraft is operated at FL300 or below.</li> </ul>	

REVISION NO. 2

PAGE NO. 22-3

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**22. Autoflight**

Sequence No.	Item	1	2	3	4	Change Bar
-13-01	Autopilot Controller Annunciator (APP-85) (Failed to illuminate) (Units -0001 thru -0450)					
-07	Autopilot Transfer (AP XFR button)	C	1	0	May be inoperative provided green coupled arrow in PFD flight director mode box points to desired side.	
-08	Turbulence (TURB button)	D	1	0		
-13-02	Autopilot Controller Function Control (APP-85) (Units -0001 thru -0450)					
-01	Turbulence	D	1	0		
-13-03	Flight Guidance Controller Annunciator (MSP-85) (Failed to illuminate) (Units -0001 thru -0450)					
	Flight Guidance Controller Annunciator (GMC 710) (Failed to illuminate) (Units -0451 and on)					
-01	Altitude (ALT button)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
(Continued)						

REVISION NO. 2

PAGE NO. 22-4

DATE: 09/22/2014

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**22. Autoflight**

Sequence No.	Item	1	2	3	4	Change Bar
-13-03	Flight Guidance Controller Annunciator (Failed to illuminate) (Cont'd)					
-03	Approach (APPR button) (Units -0001 thru -0450)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
	Approach (APR button) (Units -0451 and on)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
-04	Autopilot (AP button) (Units -0451 and on)	C	1	0	May be inoperative provided AP annunciation appears in PFD flight director mode box.	
-05	Back Course (B/C button) (Units -0001 thru -0450)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
	Back Course (BC button) (Units -0451 and on)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
-07	Coupled Side (XFR Button - left or right arrow) (Units -0451 and on)	C	1	0	May be inoperative provided associated green coupled arrow appears in PFD flight director mode box.	
-09	Flight Level Change (FLC button)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
-10	Half Bank (1/2 BANK button) (Units -0001 thru -0450)	C	1	0	May be inoperative provided white bank limit arc appears on PFD attitude display.	
(Continued)						

REVISION NO. 2

PAGE NO. 22-5

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**22. Autoflight**

Sequence No.	Item	1	2	3	4	Change Bar
-13-03	Flight Guidance Controller Annunciator (Failed to illuminate) (Cont'd)					
-10	Half Bank (BANK button) (Units -0451 and on)	C	1	0	May be inoperative provided green bank limit arc appears on PFD attitude display.	
-11	Heading (HDG button)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
-12	Navigation (NAV button)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
-13	Vertical Navigation VNAV button) (Units -0001 thru -0450)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
	Vertical Navigation (VNV button) (Units -0451 and on)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
-14	Vertical Speed (VS button)	C	1	0	May be inoperative provided appropriate annunciation appears in PFD flight director mode box.	
-15	Yaw Damper (YD button) (Units -0451 and on)	C	1	0	May be inoperative provided YD annunciation appears in PFD flight director mode box.	

REVISION NO. 2

PAGE NO. 22-6

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**22. Autoflight**

Sequence No.	Item	1	2	3	4	Change Bar
-13-04	Flight Guidance Controller Function Control (MSP-85) (Units -0001 thru -0450)					
	Flight Guidance Controller Function Control (GMC 710) (Units -0451 and on)					
-01	Altitude (ALT button)	B	1	0	May be inoperative provided: a) Procedures do not require its use, and b) Aircraft is not operated RVSM.	
-02	Approach (APPR button) (Units -0001 thru -0450)	B	1	0	May be inoperative provided procedures do not require its use.	
	Approach (APR button) (Units -0451 and on)	B	1	0	May be inoperative provided procedures do not require its use.	
-03	Autopilot (AP button) (Units -0451 and on)	B	1	0	May be inoperative provided autopilot system is considered inoperative (Refer to item 22-10-03).	
-04	Back Course (B/C button) (Units -0001 thru -0450)	C	1	0	May be inoperative provided procedures do not require its use.	
	Back Course (BC button) (Units -0451 and on)	C	1	0	May be inoperative provided procedures do not require its use.	
-05	IAS/Mach Change-over (SPD Button) (Units -0451 and on)	D	1	0		
(Continued)						

REVISION NO. 2

PAGE NO. 22-7

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**22. Autoflight**

Sequence No.	Item	1	2	3	4	Change Bar
-13-04	Flight Guidance Controller Function Control (Cont'd)					
-06	Coupled Side (XFR button) (Units -0451 and on)	C	1	0	May be inoperative provided arrow points to pilot flying side.	
-07	Course (CRS1 or CRS2 knob) (Units -0451 and on)	B	2	1	One may be inoperative provided procedures do not require its use.	
-08	Course Direct (CRS1 or CRS2 PUSH DIR) (Units -0451 and on)	C	2	0		
-09	Flight Director (FD button) (Units -0001 thru -0450)	B	2	1	One may be inoperative provided button is operative on pilot flying side.	
-10	Flight Level Change (FLC button)	C	1	0	May be inoperative provided procedures do not require its use.	
-11	Half Bank (1/2 BANK) (Units -0001 thru -0450)	C	1	0		
	Half Bank (BANK Button) (Units -0451 and on)	C	1	0		
-13	Heading Sync (HDG PUSH SYNC) (Units -0451 and on)	C	1	0		
-14	Navigation (NAV Button)	B	1	0	May be inoperative provided procedures do not require its use.	
(Continued)						



REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 22-8

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

## 22. Autoflight

Sequence No.	Item	1	2	3	4	Change Bar
-13-04	Flight Guidance Controller Function Control (Cont'd)					
-16	Vertical Navigation (VNAV button) (Units -0001 thru -0450)	C	1	0	May be inoperative provided procedures do not require its use.	
	Vertical Navigation (VNV button) (Units -0451 and on)	C	1	0	May be inoperative provided procedures do not require its use.	
-17	Vertical Speed (VS button)	C	1	0	May be inoperative provided procedures do not require its use.	
-18	Yaw Damper (YD Button) (Units -0451 and on)	C	1	0	NOTE 1: Yaw damper may be engaged by engaging autopilot.  NOTE 2: Yaw damper may be disengaged by pressing autopilot disconnect button.	

REVISION NO. 3  
DATE: 08/07/2019

PAGE NO. 23-1

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

### 23. Communications

Sequence No.	Item	1	2	3	4	Change Bar
-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		
-03	Antenna/Jack (For portable device)	D	-	0	May be inoperative.	
-10-01 ***	High Frequency (HF) Communication System					
-00A	(Dual LRCS not required)	D	-	-	Any in excess of those required by 14 CFR may be inoperative.	
(Continued)						

REVISION NO. 3

PAGE NO. 23-2

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**23. Communications**

Sequence No.	Item	1	2	3	4	Change Bar
-10-01 ***	High Frequency (HF) Communication System (Continued)					
-00B	(Dual LRCS required)	C	-	1	(O) May be inoperative while conducting operations which require two Long-Range Communication Systems (LRCS) provided: <ul style="list-style-type: none"> <li>a) Aircraft SATVOICE system operates normally,</li> <li>b) SATVOICE services are available as a LRCS over the intended route of flight,</li> <li>c) The ICAO Flight Plan is updated (as required) to notify ATC of the communications equipment status of the aircraft, and</li> <li>d) Alternate procedures are established and used.</li> </ul>	
-01	Wire Antenna	C	1	0	(M) May be inoperative, missing, or damaged provided: <ul style="list-style-type: none"> <li>a) Horizontal and vertical stabilizers are inspected for damage,</li> <li>b) Any remaining portion of wire antenna is removed, and</li> <li>c) HF communication system is considered inoperative (Refer to item 23-10-01).</li> </ul>	

REVISION NO. 3

PAGE NO. 23-3

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**23. Communications**

Sequence No.	Item	1	2	3	4	Change Bar
-12-01	Very High Frequency (VHF) Communication System	D	-	-	Any in excess of those required by 14 CFR may be inoperative provided: <ol style="list-style-type: none"> <li>a) Affected system is not on an emergency bus, and</li> <li>b) Procedures do not require its use.</li> </ol>	
-01 ***	VHF Datalink (VDL) (Units -0451 and on)	D	-	0	May be inoperative provided procedures do not require its use.	
-03 ***	Antenna/Jack (For portable device)	D	-	0	May be inoperative.	
-20-01 ***	Satellite Datalink Service					
-01	Radio	D	-	0		
-02A	Weather	D	-	0	May be inoperative provided procedures do not require its use.	
					NOTE: Any function(s) that operate normally may be used.	
-02B	Weather	C	-	0	(O) May be inoperative provided alternate procedures are established and used.	
-03	Internet	D	-	0		
-20-02	Ground Avionics/Diagnostics Wi-Fi System (Units -0451 and on)	D	1	0		

REVISION NO. 3

PAGE NO. 23-4

DATE: 08/07/2019

AIRCRAFT: Textron Aviation Model 525B	<b>TABLE KEY</b> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS
--	--

### 23. Communications

Sequence No.	Item	1	2	3	4	Change Bar
-20-03 ***	Selective Call (SELCAL) (System or individual channel)					
-00A	(SELCAL not required)	D	-	0	May be inoperative provided procedures do not require its use.	
-00B	(SELCAL required)	C	-	0	(O) May be inoperative provided alternate procedures are established and used.	
-20-04 ***	SMS Text Message System (Units -0451 and on)	D	1	0		
-40-01 ***	Automatic Cabin Briefer	D	1	0		
-40-03	Passenger Address (PA) System	D	1	0		
-40-04	Passenger Seat Belt / Safety Chime	C	1	0	(O) May be inoperative provided cabin occupants are briefed by alternate means.	
-50-01	Audio Panel (Units -0001 thru -0450)	C	2	1	Right side panel may be inoperative provided aircraft is operated single-pilot.	
-01	Microphone Selector (COM1, COM2, HF, PA Button) (Per side)	C	-	-	Individual selectors may be inoperative provided associated communication system is not required by procedures or 14 CFR.	
(Continued)						

REVISION NO. 3

PAGE NO. 23-5

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**23. Communications**

Sequence No.	Item	1	2	3	4	Change Bar
-50-01	Audio Panel (Units -0001 thru -0450) (Cont'd)					
-02	Audio Selector / Volume Control (COM1, COM2, HF, PA, NAV1, NAV2, ADF1, ADF2, DME1, DME2, MKR) (Per side)	C	-	-	Individual selectors may be inoperative provided associated system is not required by procedures or 14 CFR.	
-03	Marker Beacon Mute (MUTE) (Per side)	C	1	0		
-50-02 ***	Cabin / Observer Intercom System	D	1	0	May be inoperative provided procedures do not require its use.	
-50-03	Cockpit Overhead Communication Speaker	C	2	1	One may be inoperative provided: a) Affected speaker is not required for procedures, and b) A headset is used for associated inoperative speaker.	
-50-04	Cockpit Hand Microphone					
-00A		D	2	-	Any in excess of those required by 14 CFR may be inoperative.	
-00B		C	2	0	May be inoperative provided associated boom microphone is operative.	
-01	Jack	C	-	0	May be inoperative provided associated hand microphone is considered inoperative (Refer to item 23-50-04).	
-02	Holder	D	-	0	(O) May be inoperative provided associated hand microphone is secured by alternate means.	

REVISION NO. 3

PAGE NO. 23-6

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**23. Communications**

Sequence No.	Item	1	2	3	4	Change Bar
-50-05	Cockpit Headset and Boom Microphone	D	-	-	Any in excess of those required by 14 CFR may be inoperative.	
-01A	Boom Microphone (For a holder of an Air Carrier or Commercial Operator Certificate)	A	-	0	May be inoperative provided: a) Associated hand microphone is installed and operative, and b) Repairs are made within 3 flight-days.	
-01B	Boom Microphone (For an operator other than a holder of an Air Carrier or Commercial Operator Certificate)	A	-	0	May be inoperative provided: a) Associated hand microphone is installed and operative, and b) Repairs are made in accordance with 14 CFR.	
-02	Headset Earphones / Headphones	C	-	1	May be inoperative provided associated cockpit overhead communication speaker is operative.	
-03 ***	Active Noise Reduction (ANR) Function	D	-	0	May be inoperative provided normal audio function of headset is operative.	
-04 ***	Powered Headset System (Units -0001 thru -0450)	D	-	0	May be inoperative provided non-powered headset jack is operative or headset is not used.	
-04	Powered Headset System (Units -0451 and on)	D	-	0	May be inoperative provided non-powered headset jack is operative or headset is not used.	

REVISION NO. 3

PAGE NO. 23-7

DATE: 08/07/2019

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**23. Communications**

Sequence No.	Item	1	2	3	4	Change Bar
-50-06	Cockpit Headset Audio System					
-00A		C	2	0	May be inoperative provided: a) Both cockpit overhead communication speakers are used, and b) Headset audio system is not required by 14 CFR or procedures.	
-00B		C	2	1	One may be inoperative provided left side is operative for single-pilot operations.	
-50-07	Push-to-talk (PTT) Switch (Failed deselected)					
-01	Yoke Switch	B	2	1	(O) One may be inoperative provided alternate procedures are established and used for transmitting.	
-01A	Right Yoke Switch	B	1	0	May be inoperative provided aircraft is operated single-pilot.	
-05	Interphone Position (Units -0001 thru -0450)	B	2	1	May be inoperative provided VOX is selected ON on associated audio panel.	
-50-08	Radio Tuning Unit (RTU 2) (Units -0001 thru -0450 with Pro Line 21 Installed)	B	1	0	NOTE: Any functions or controls that operate normally may be used.	
-50-09	Radio Tuning System (RTS) (Units -0001 thru -0450 with Pro Line Fusion® STC SA11219SC installed)	B	3	2	PFD 1 RTS may not be inoperative for Single Pilot Operations.	



REVISION NO. 3  
DATE: 08/07/2019

PAGE NO. 23-8

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**23. Communications**

Sequence No.	Item	1	2	3	4	Change Bar
-60-01	Static Wick				NOTE 1: May include mounting base provided no damage exists to attaching structure.	
					NOTE 2: Stinger static wick and Wing tip assembly static wicks are not included in column 2. NO. INSTALLED.	
-01	Aileron	C	4	2	One per aileron may be damaged or missing provided outermost wick is installed and not damaged.	
					NOTE 1: Wing tip assembly is entire removable section outboard of fuel closure rib.	
					NOTE 2: These static wicks (one per wing tip assembly) are required to be installed and not damaged.	
-02	Elevator	C	6	2	Two per elevator may be damaged or missing provided outermost wick is installed and not damaged.	
-03	Rudder	C	2	1	One may be damaged or missing provided uppermost wick is installed and not damaged.	
					NOTE: Stinger static wick is required to be installed and not damaged.	

REVISION NO. 3

PAGE NO. 23-9

DATE: 08/07/2019

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**23. Communications**

Sequence No.	Item	1	2	3	4	Change Bar
-70-01	Cockpit Voice Recorder (CVR)					
-00A	(Holder of an Air Carrier or Commercial Operator Certificate)	A	1	0	May be inoperative provided repairs are made within 3 flight-days.	
		C	1	0	Any in excess of those required by 14 CFR may be inoperative.	
-00B	(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.	
		C	1	0	Any in excess of those required by 14 CFR may be inoperative.	
-00C ***	(All Operators)				Deleted Rev 3 (Relief moved to sub-items -00A and -00B above).	
-01 ***	Recorder Independent Power Supply (RIPS)	C	1	0		
-02	Underwater Locator Device (ULD)	D	1	0	May be inoperative provided device is not required by 14 CFR.	
-03A	Datalink Recording	C	1	0	May be inoperative provided datalink recording is not required by 14 CFR.	
-03B	Datalink Recording	A	1	0	May be inoperative provided repairs are made within 3 flight-days.	

REVISION NO. 2

PAGE NO. 24-1

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**24. Electrical Power**

Sequence No.	Item	1	2	3	4	Change Bar
-31-01	Battery Temperature Warning System (Aircraft with lead-acid battery installed)	C	1	0		
-31-02 ***	Battery Temperature Indicator (Units -0001 thru -0450)					
-00A	(With Lead-Acid Battery Installed)	D	1	0		
-00B	(With Ni-Cad Battery Installed)	C	1	0	May be inoperative provided battery temperature warning system is verified operative.	
-37-04	Engine DC Generator Amperage Gauge/Indication (Units -0001 thru -0134 and Units -0294 thru -0450)	B	2	1	One may be inoperative provided: a) Both GEN OFF annunciators are verified operative, b) Aircraft is not operated at night, and c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
-40-01	External Power System	D	1	0		
-50-01 ***	AC Cockpit Outlet	D	-	0	May be inoperative provided procedures do not require its use.	
-60-01 ***	DC Cockpit Outlet	D	-	0	May be inoperative provided procedures do not require its use.	
-60-02 ***	Ground Dispatch Power System	C	1	0		

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 24-2

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**24. Electrical Power**

Sequence No.	Item	1	2	3	4	Change Bar
-60-03	Interior Disconnect	C	1	0	(M) (O) May be inoperative provided: a) Interior power system is deactivated, b) Cabin emergency lighting is verified operative, and c) Passengers are briefed on disabled cabin electrical systems or are not carried.  NOTE: Items powered by interior bus are considered inoperative. This includes, but is not limited to: Cabin interior lighting, cabin window shade system, galley appliances, galley drain, lavatory, toilet drain, cabin AC inverter, and cabin entertainment system.	

REVISION NO. 2

PAGE NO. 25-1

DATE: 09/22/2014

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**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.	
-10-01	Cockpit Assist Handle	D	1	0		
-10-02 ***	Cockpit Curtain	D	-	0	(M) May be missing, or inoperative provided curtain is secured open.	
-10-03	Cockpit Sunvisor System (Including attach mechanism)	D	-	0	May be missing, or inoperative provided: a) Crewmember's field of vision is not obstructed, and b) Oxygen mask quick donning ability is not affected.	
-10-05	Flightcrew Seat (Per seat)					
-01A	Armrest	C	2	0	May be inoperative provided affected armrest is stowed in retracted position.	
-01B	Armrest	C	2	0	(M) May be missing, or inoperative provided affected armrest is removed.	
-02 ***	Lumbar Support	D	1	0		
-03	Recline/Tilt Function	C	1	0	(M) May be inoperative provided: a) Affected seat is secured or 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.	
(Continued)						

REVISION NO. 2

PAGE NO. 25-2

DATE: 09/22/2014

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**25. Equipment/Furnishings**

Sequence No.	Item	1	2	3	4	Change Bar
-10-05	Flightcrew Seat (Per seat) (Continued)					
-04 ***	Restraint Buckle Protective Padding	D	1	0	May be damaged or missing.	
-06	Vertical Adjustment	C	1	0	(M) (O) May be inoperative provided: a) Affected seat is secured or 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.	
-07	Copilot Seat Belt / Shoulder Harness	C	1	0	May be inoperative provided seat remains unoccupied.	
-08	Copilot Floor Tracking	C	1	0	May be inoperative provided seat remains unoccupied.	
-10-08	Eye Reference Ball	C	3	0	(O) May be inoperative or missing provided alternate procedures are established and used for eye position reference.	
-10-09 ***	Yoke-mounted Chart Holder	D	-	0		
-01 ***	Light	D	-	0		
-20-01 ***	Cabin Ashtray (Excluding lavatory door)	A	-	1	May be inoperative or missing provided ashtray is replaced within 3 calendar-days.	

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

## 25. Equipment/Furnishings

Sequence No.	Item	1	2	3	4
-20-02 ***	Belted Lavatory Seat (Excludes lavatory waste system)				
-01	Seat Belt / Shoulder Harness	D	1	0	May be inoperative provided lavatory seat is placarded "DO NOT OCCUPY FOR TAXI, TAKEOFF, LANDING OR WHEN FASTEN SEAT BELT SIGN IS ILLUMINATED".
-02 ***	Seat Belt / Shoulder Harness Keeper	D	1	0	
-20-05	Non-essential Equipment and Furnishings (NEF)	-	-	0	May be inoperative, damaged or missing provided that item(s) is deferred in accordance with operator's NEF deferral program. NEF program procedures and processes are outlined in operator's (insert name) Manual. (M) and (O) procedures, if required, must be available to flightcrew and included in operator's appropriate document.  NOTE: Exterior lavatory door ashtray is not considered an NEF item.
-20-06	Passenger Seat (Including side-facing seats, folding seats and couches) (Per seat)	D	-	0	May be inoperative provided: a) Seat does not block an emergency exit, b) Seat does not restrict any cabin occupant access to aisle, and c) Affected seat(s) are blocked and placarded "DO NOT OCCUPY".  NOTE: Affected seat(s) may include seats near inoperative seat(s).

REVISION NO. 2

PAGE NO. 25-4

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**25. Equipment/Furnishings**

Sequence No.	Item	1	2	3	4	Change Bar
-20-06	Passenger Seat (Including side-facing seats, folding seats and couches) (Per seat) (Cont'd)					
-01	Armrest	D	-	0	May be inoperative or missing with seat occupied provided: a) Armrest does not block an emergency exit, b) Armrest does not restrict any cabin occupant from access to aisle, and c) If armrest is missing, affected seat controls are considered inoperative (Refer to item 25-20-06-02).	
-02A	Seat Controls (Includes recline, headrest, footrest, floor tracking, pedestal tracking, swivel, and other positioning controls)	D	-	0	(M) May be inoperative with seat occupied provided seat is secured in taxi, takeoff and landing position.	
-02B	Seat Controls (Includes recline, headrest, footrest, floor tracking, pedestal tracking, swivel, and other positioning controls)	D	-	0	May be inoperative with seat occupied provided control is failed in taxi, takeoff and landing position.	
-02C	Seat Controls (Includes recline, headrest, footrest, floor tracking, pedestal tracking, swivel, and other positioning controls)	D	-	0	May be missing or inoperative in other than taxi, takeoff, and landing position provided affected seat is considered inoperative (Refer to item 25-20-06).	
(Continued)						



REVISION NO. 2

PAGE NO. 25-5

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**25. Equipment/Furnishings**

Sequence No.	Item	1	2	3	4	Change Bar
-20-06	Passenger Seat (Including side-facing seats, folding seats and couches) (Per seat) (Cont'd)					
-03	Seat Belt / Shoulder Harness	D	-	0	May be inoperative provided affected seat is placarded "DO NOT OCCUPY FOR TAXI, TAKEOFF, LANDING OR WHEN FASTEN SEAT BELT SIGN IS ILLUMINATED".	
-04 ***	Seat Belt / Shoulder Harness Keeper	D	1	0		
-05 ***	Lumbar Support	D	1	0		
-30-01	Refreshment Center Hot Liquid Storage System Heater	C	-	0	(M) May be inoperative provided system is deactivated.	
-30-03 ***	Coffee / Espresso Maker	D	-	0	(M) May be inoperative provided system is deactivated.	
-50-01	Baggage Restraint System	D	-	0	Individual components may be inoperative or missing provided baggage is secured by alternate means or not carried.	
-01A	Anchor Plate	C	-	0	Individual anchor plates may be inoperative provided: a) No visible damage exists, and b) Baggage is secured using remaining anchor plates or not carried.	
(Continued)						

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 25-6

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**25. Equipment/Furnishings**

Sequence No.	Item	1	2	3	4	Change Bar
-50-01	Baggage Restraint System (Cont'd)					
-01B	Anchor Plate	C	-	0	(M) Individual anchor plates may be damaged provided: a) Attaching structure is inspected for damage, and b) Baggage is secured using remaining anchor plates or not carried.	
-50-02	Cabin Storage Compartment					
-00A		C	-	0	(M) May be inoperative provided: a) Compartment does not contain any aircraft system protection devices, b) Any emergency equipment located in affected compartment is considered inoperative, c) Affected compartment is not used for storage of any item except for those permanently affixed, d) Procedures are established and used to secure compartment closed, and e) Affected compartment is prominently placarded "DO NOT USE".	
(Continued)						

REVISION NO. 2

PAGE NO. 25-7

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**25. Equipment/Furnishings**

Sequence No.	Item	1	2	3	4	Change Bar
-50-02	Cabin Storage Compartment (Cont'd)					
-00B		C	-	0	(M) May be inoperative provided: a) Affected door is removed, b) Affected compartment is not used for storage of any item, including those permanently affixed, c) Cabin occupants are briefed that affected compartment may not be used, and d) Affected compartment is prominently placarded "DO NOT USE".	
-01	Shelving	D	-	0	(O) May be inoperative provided: a) Any permanently affixed emergency equipment located on affected shelf is relocated and available for use, and b) Cabin occupants are briefed on location of relocated equipment.	
-02 ***	Key Lock	D	-	0	May be inoperative in unlocked position.	
-60-03	Emergency Medical Equipment					
-01 ***	Automatic External Defibrillator (AED) (Includes associated equipment)	D	-	0		
(Continued)						

REVISION NO. 2

PAGE NO. 25-8

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**25. Equipment/Furnishings**

Sequence No.	Item	1	2	3	4	Change Bar
-60-03	Emergency Medical Equipment (Cont'd)					
-02 ***	Emergency Medical Kit (EMK) (Includes associated equipment)	D	-	0		
-03 ***	First Aid Kit (FAK) (Includes associated equipment)	D	-	-	Any in excess of those required by 14 CFR may be incomplete, missing, or inoperative.	
-61-01 ***	Life Preserver (Crew and passenger)	D	-	-	Any in excess of those required by 14 CFR may be missing, or inoperative provided affected preserver is placarded "INOPERATIVE" or removed.	
-62-01	Emergency Locator Transmitter (ELT)					
-01 ***	Survival Type	D	-	-	Any in excess of those required by 14 CFR may be inoperative or missing.	
-02A	Fixed, Automatic	A	-	0	(M) May be inoperative provided: a) System is deactivated or removed, and b) Repairs are made within 90 calendar-days.	
-02B	Fixed, Automatic	D	-	-	(M) Any in excess of those required by 14 CFR may be inoperative provided system is deactivated or removed.	
-64-01 ***	Life Raft	D	-	-	Any in excess of those required by 14 CFR may be missing, or inoperative provided affected raft is placarded "INOPERATIVE" or removed.	

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 26-1

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**26. Fire Protection**

Sequence No.	Item	1	2	3	4	Change Bar
-11-01	Baggage Compartment Smoke Detection System (Forward or aft)	C	2	0	May be inoperative provided affected baggage compartment remains empty (excluding ballast and/or fly away kits).	
					NOTE: Operator's MEL should define which items are approved for inclusion in fly away kits and which materials can be used as ballast.	
-22-01	Portable Fire Extinguisher	D	-	-	Any in excess of those required by 14 CFR may be inoperative or missing provided: <ol style="list-style-type: none"> <li>a) 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</li> <li>b) Required distribution is maintained.</li> </ol>	

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 27-1

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**27. Flight Controls**

Sequence No.	Item	1	2	3	4	Change Bar
-20-01	Rudder Pedal Adjustment System	B	4	2	(M)(O) Two may be inoperative provided: a) Two pedal adjustments are not inoperative at same pilot station, b) Affected pedal is positioned in a detent and adjustment mechanism is secured from movement, c) Unaffected pedal is adjusted to match affected pedal, and d) Crewmember seated at affected station verifies full control movement and brake application is available while restrained, prior to each flight.	
-31-01	Electric Elevator Trim	B	1	0	(M)(O) May be inoperative provided: a) Electric elevator trim system is deactivated, b) Manual trim is verified to operate normally, and c) Autopilot system is considered inoperative (Refer to item 22-10-03).	
-70-02	Control / Gust Lock System (Failed unlocked)	C	1	0	May be inoperative provided pilot verifies full flight control and throttle movement.	

REVISION NO. 2

PAGE NO. 28-1

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**28. Fuel**

Sequence No.	Item	1	2	3	4	Change Bar
-10-01	Over-wing Refueling Cap Lock (Failed unlocked)	D	-	0		
-41-01	Fuel Low Level Indicating System	A	2	1	(O) One may be inoperative provided: a) Procedures for monitoring fuel quantity are established and used, b) Both fuel quantity indicating systems are operative, and c) Repairs are made within 3 flight-days.	
-41-02	Fuel Quantity Indicating System (Units -0001 thru -0450)	A	2	1	(O) One indication may be inoperative provided: a) Both fuel low level indicating systems and both fuel flow indicating systems are operative, b) Fuel required for route to be flown is increased by 10%, c) Flight is restricted to a maximum of three hours, remaining within one hour of a suitable airport at all points along route, d) Both fuel tanks are fueled over-wing to a known, balanced quantity, e) Fuel use is tracked, f) If autopilot is used, it is disconnected every twenty minutes to detect possible lateral fuel imbalance, monitor trim required and aileron mistrim PFD indication, and g) Repairs are made within three flight cycles.	

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 28-2

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**28. Fuel**

Sequence No.	Item	1	2	3	4	Change Bar
-41-02	Fuel Quantity Indicating System (Units -0451 and on)	A	2	1	(O) One indication may be inoperative provided: a) Both fuel low level indicating systems and both fuel flow indicating systems are operative, b) Fuel required for route to be flown is increased by 10%, c) Flight is restricted to a maximum of three hours, remaining within one hour of a suitable airport at all points along route, d) Both fuel tanks are fueled over-wing to a known, balanced quantity, e) Fuel use is tracked, f) If autopilot is used, it is disconnected every twenty minutes to detect possible lateral fuel imbalance, monitor trim required and RETRIM L-R WING DOWN amber message, and g) Repairs are made within three flight cycles.	
-43-01	Fuel Temperature Indication	A	2	1	One may be inoperative provided repairs are made within 10 calendar-days.	



REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 30-1

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**30. Ice and Rain Protection**

Sequence No.	Item	1	2	3	4	Change Bar
-10-02	Stabilizer Pneumatic Boot De-Ice System (Failure to inflate) (Horizontal) (Automatic or manual mode failed)	B	1	0	(O) May be inoperative provided: a) All de-ice boots are verified to be deflated and held down when service air system is active, b) TAIL switch is selected OFF, and c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
-10-04	Wing Bleed Air Anti-Ice System (Units -0001 thru -0450)	C	2	0	(M) May be inoperative provided: a) Both wing valves are secured for no flow, b) Both WING/ENG ANTI-ICE switches are selected OFF or ENG ON, and c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
	Wing Bleed Air Anti-Ice System (Units -0451 and on)	C	2	0	(M) May be inoperative provided: a) Both wing valves are secured for no flow, b) Both WING/ENG ICE PROTECTION switches are selected OFF or ENG ONLY, and c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
-20-01	Engine Anti-Ice System	A	2	1	(M) May be inoperative provided: a) Affected valve is secured for no flow, b) Affected WING/ENG switch is selected OFF, c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions, d) Repairs are made within 3 flight-days.	

REVISION NO. 2

PAGE NO. 30-2

DATE: 09/22/2014

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**30. Ice and Rain Protection**

Sequence No.	Item	1	2	3	4	Change Bar
-30-03	Pitot Tube Heater (Excluding Standby)	B	2	1	One may be inoperative provided: a) Aircraft is not operated at night, b) Aircraft is not operated in Instrument Meteorological Conditions (IMC), c) Pitot heater is not required by 14 CFR, and d) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
-30-04	Static Port Heater (Excluding Standby)	B	4	3	One may be inoperative provided: a) Aircraft is not operated at night, b) Aircraft is not operated in Instrument Meteorological Conditions (IMC), c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions, and d) Aircraft is not operated RVSM.	
-40-01	Rain Removal System (Doors)	C	1	0	May be inoperative provided aircraft is not operated in precipitation within five nautical miles of airport used for takeoff, intended landing or any alternates required by 14 CFR.	
-40-02	Windshield Bleed Air Anti-Ice System	C	1	0	(M) May be inoperative provided: a) Windshield anti-ice system is secured for no flow, b) Emergency pressurization system is considered inoperative(Refer to 21-30-03), and c) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	

REVISION NO. 2

PAGE NO. 30-3

DATE: 09/22/2014

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**30. Ice and Rain Protection**

Sequence No.	Item	1	2	3	4	Change Bar
-40-03	Windshield Alcohol De-Ice System	C	1	0	(M) May be inoperative provided: a) Windshield de-ice system is deactivated, and b) Aircraft is not operated in known, forecast, or AFM-defined icing conditions.	
-70-01	Drain Heater (Forward evaporator fan, refreshment center, and / or toilet relief tube)	C	3	0	(M) May be inoperative provided: a) Drain heaters are deactivated, b) Toilet is placarded "DO NOT USE", and c) Forward evaporator fan, refreshment center, and toilet relief tube overboard drains are considered inoperative (Refer to item 38-30-04).	

REVISION NO. 3

PAGE NO. 31-1

DATE: 08/07/2019

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**31. Indicating/Recording Systems**

Sequence No.	Item	1	2	3	4	Change Bar
-20-02	Clock	D	-	-	Any in excess of those required by 14 CFR may be inoperative.	
-20-04	Flight Hour Meter	C	1	0	(O) May be inoperative provided flight time is tracked by alternate means.	
-30-03 ***	Flight Data Recorder (FDR ) System					
	FDR not required	C	1	0	May be inoperative provided recorder is not required by 14 CFR.	
	Sub-items 00A, 00B, 00C, 01A, 01B				Removed Rev 3.	
-02 ***	Underwater Locator Device (ULD)	D	1	0	May be inoperative provided device is not required by 14 CFR.	
		A	1	0	May be inoperative or missing provided repairs are made within 3 flight-days.	

TABLE KEY	
1.	REPAIR CATEGORY
2.	NO. INSTALLED
3.	NO. REQUIRED FOR DISPATCH
4.	REMARKS OR EXCEPTIONS

### 31. Indicating/Recording Systems

Sequence No.	Item	1	2	3	4	Change Bar
-30-04 ***	Quick Access Recorder (QAR)	D	1	0	May be inoperative provided recorder is not required by procedures.	
-40-02 ***	Electronic Checklist	D	-	0	May be inoperative, missing, or out of currency provided an approved checklist is available and used.	
-50-01	Annunciator (Failed to illuminate) (Units -0001 thru -0450)					
-03	Aft Baggage Door (BAGGAGE DOOR – AFT)	C	1	0	May be inoperative provided aft baggage door warning system is considered inoperative (Refer to 52-70-01-01).	
-06	Cabin Altitude (CABIN ALT)	C	1	0	May be inoperative provided cabin altitude warning system is considered inoperative (Refer to item 31-50-02).	
-07	Cabin Door (CABIN DOOR)	B	1	0	May be inoperative provided main cabin door warning system is considered inoperative (Refer to item 52-70-01-07).	
-08	Cabin Door Seal (DOOR SEAL)	B	1	0	(O) May be inoperative provided: a) Door seal inflation is verified prior to each flight, and b) Aircraft is operated at FL 250 or below.	
(Continued)						

REVISION NO. 3

PAGE NO. 31-3

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**31. Indicating/Recording Systems**

Sequence No.	Item	1	2	3	4	Change Bar
-50-01	Annunciator (Failed to illuminate) (Units -0001 thru -0450) (Cont'd)					
-14	Forward Baggage Door (BAGGAGE DOOR – FWD)	B	1	0	May be inoperative provided forward baggage door warning system is considered inoperative (Refer to 52-70-01-06).	
-31	Fuel Quantity Fault (FUEL GAUGE - L or R)	A	2	1	One position annunciation may be inoperative provided: a) Associated fuel quantity indicating system is considered inoperative (Refer to 28-41-02), and b) Repairs are made within three flight cycles.	
-32	Fuel Low Level (FUEL LOW LEVEL - L or R)	A	2	1	One position annunciation may be inoperative provided: a) Associated fuel low level indicating system is considered inoperative (Refer to 28-41-01), and b) Repairs are made within 3 flight-days.	

REVISION NO. 3

PAGE NO. 31-4

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**31. Indicating/Recording Systems**

Sequence No.	Item	1	2	3	4	Change Bar
-50-02	Cabin Altitude Warning System (Aural and / or visual warning failed)	C	1	0	May be inoperative provided cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
-50-03	Central Warning					
-01	Master Warning Light (Failed to illuminate)	C	2	1	Right side may be inoperative for single-pilot operations.	
-02	Master Warning Cancel / Reset Function	C	2	1	Right side may be inoperative for single-pilot operations.	
-03	Master Caution Light (Failed to illuminate)	C	2	1	Right side may be inoperative for single-pilot operations.	
-04	Master Caution Cancel / Reset Function	C	2	1	Right side may be inoperative for single-pilot operations.	
-50-05 ****	Voice Annunciator System (Units -0001 thru -0450)	D	1	0		

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 32-1

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

### 32. Landing Gear

Sequence No.	Item	1	2	3	4 <span>Change Bar</span>
-22-01 ***	Nose Landing Gear Ice Boot	D	1	0	(M) May be missing, or damaged provided boot is removed.
-44-01 ***	Tire Pressure Monitoring System (STC ST02272SE)	D	1	0	NOTE: Any individual wheel sensors which are operative may be used.



REVISION NO. 3

PAGE NO. 33-1

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**33. Lights**

Sequence No.	Item	1	2	3	4	Change Bar
-10-01	Cockpit and Instrument Lighting (Excluding button lights, standby flight instrument lighting, internally lighted annunciators, and required placard lighting)					
-00A	(Day)	C	-	0	May be inoperative provided aircraft is not operated at night.	
-00B	(Night)	C	-	-	Individual lights may be inoperative provided: <ul style="list-style-type: none"> <li>a) Cockpit emergency lighting is operative,</li> <li>b) Remaining lights are sufficient to clearly illuminate all required instruments, controls, and other devices for which it is provided,</li> <li>c) Remaining lights are positioned so that direct rays are shielded from crewmembers' eyes, and</li> <li>d) Lighting configuration and intensity is acceptable to flightcrew.</li> </ul>	
-10-02	Cockpit Flood Light					
-00A	(Single light failed)	C	2	1	One may be inoperative.	
-00B	(Both lights failed)	C	2	0	May be inoperative provided aircraft is not operated at night.	
-01	Standby Instrument Flood Light (Under fire tray)	B	1	0	May be inoperative provided aircraft is not operated at night.	

REVISION NO. 3

PAGE NO. 33-2

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**33. Lights**

Sequence No.	Item	1	2	3	4	Change Bar
-10-03	Cockpit Map Light					
-00A	(Single light failed)	C	2	1	One may be inoperative provided a cockpit flood light is operative.	
-00B	(Both lights failed)	C	2	0	May be inoperative provided: a) A cockpit flood light is operative, and b) A flashlight is available to affected crewmember.	
-10-05	Windshield Ice Detection Light					
-00A	(Single light failed)	C	2	1	(O) One may be inoperative provided alternate procedures are established and used to monitor ice accretion.	
-00B	(Both lights failed)	C	2	0	May be inoperative provided aircraft is not operated at night.	
-00C	(Right side failed)	C	1	0	May be inoperative for single-pilot operations.	
-20-02	Cabin Interior Lighting (Excluding cabin emergency lighting)					
-00A		C	-	-	Individual lights may be inoperative provided: a) Sufficient lighting is operative for crew to perform required duties, b) Cabin emergency lighting is verified operative, and c) Sufficient lighting is operative for carrying cabin occupants at night.	
(Continued)						

REVISION NO. 3

PAGE NO. 33-3

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**33. Lights**

Sequence No.	Item	1	2	3	4	Change Bar
-20-02	Cabin Interior Lighting (Excluding cabin emergency lighting) (Cont'd)					
-00B		D	-	0	May be inoperative provided: a) Cabin emergency lighting is verified operative, and b) Aircraft is not operated at night or cabin occupants are not carried.	
-20-04	Lighted Passenger Information Sign (Excluding cabin exit signs)					
-00A	(With cabin occupants)	C	-	0	(O) May be inoperative provided alternate procedures are established and used to notify cabin occupants.	
-00B	(Without cabin occupants)	C	-	0	May be inoperative provided no cabin occupants are carried.	
-30-01	Aft Baggage Compartment Light	C	1	0		
-30-02	Nose Baggage Compartment Light	C	1	0		
-40-01	Anti-Collision Light System (Wing strobe)	C	1	0	May be inoperative provided: a) Position / navigation light system is operative, b) Ground recognition light (Flashing/Rotating Red Beacon) is operative, and c) Not required by 14 CFR.	       

REVISION NO. 3

PAGE NO. 33-4

DATE: 08/07/2019

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**33. Lights**

Sequence No.	Item	1	2	3	4	Change Bar
-40-02	Ground Recognition Light (Flashing/Rotating Red Beacon)	C	1	0	May be inoperative provided wing strobe lights are operative.	
-40-03	Landing Lights					
-00A	(Single light failed)	B	2	1	One may be inoperative.	
-00B	(Both lights failed)	C	2	0	May be inoperative provided aircraft is not operated at night.	
-00C ***	Individual LED Elements	C	14	7	Any combination of seven LEDs between the two landing light assemblies, that provide a total of seven operative LED elements may be inoperative.	
-01	Recognition / Taxi Mode	C	1	0	May be inoperative provided at least one landing light is verified operative for night operations.	
-02 ***	Pulse Light Mode	D	1	0	May be inoperative provided at least one landing light is verified operative for night operations.	
-40-05	Position / Navigation Light System	C	1	0	May be inoperative provided aircraft is not operated at night.	
-40-08 ***	Tail Flood Light	D	2	0		

REVISION NO. 3

PAGE NO. 33-5

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**33. Lights**

Sequence No.	Item	1	2	3	4	Change Bar
-40-10	Wing Inspection Light	C	-	0	May be inoperative provided:	
					a) Aircraft is not operated at night in known, forecast, or AFM-defined icing conditions, and	
					b) Ground deicing procedures do not require its use.	
-00C ***	(Right side failed)	C	1	0	May be inoperative for single-pilot operations.	
-50-01	Cockpit Flashlight	C	-	-	Any in excess of those required by 14 CFR may be inoperative or missing.	
-01 ***	Holder	C	-	0	May be inoperative provided associated flashlight is stowed by alternate means.	
-50-02	Dropped-aisle Lighting System (LED)					
-01	Left (Emergency Lighting)	C	-	-	Up to six LED elements may be inoperative within any two-foot length.	
-03	Right	C	-	0		
-50-04	Exterior Emergency Light	B	2	0	May be inoperative provided aircraft is not operated at night.	

REVISION NO. 3

PAGE NO. 34-1

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-12-01	Air Temperature Gauge / Indication (SAT)	C	1	0		
-16-01	Altitude Alerting System	A	-	0	(O) May be inoperative provided:	
					a) Autopilot with altitude hold and capture operates normally,	
					b) Aircraft does not depart from an airport where repair or replacement can be made,	
					c) Aircraft is not operated RVSM, and	
					d) Repairs are made within 3 flight-days.	
-01	Aural Alert	C	-	0	May be inoperative provided:	
					a) Visual alert is operative, and	
					b) Autopilot with altitude hold and capture operates normally.	
-02	Visual Alert	C	-	0	May be inoperative provided:	
					a) Aural alert is operative, and	
					b) Autopilot with altitude hold and capture operates normally.	
-18-01	Angle of Attack (AOA) System					
-01	Indexer	C	-	0		
***						
-02	Indicator (Units -0001 thru -0450)	C	1	0	May be inoperative provided stick shaker is verified operative.	
-18-02	Angle of Attack (AOA) Heater	C	1	0	May be inoperative provided aircraft is not operated in known, forecast, or AFM-defined icing conditions.	

AIRCRAFT: Textron Aviation Model 525B		<b>TABLE KEY</b> 1. REPAIR CATEGORY 2. NO. INSTALLED 3. NO. REQUIRED FOR DISPATCH 4. REMARKS OR EXCEPTIONS			
<b>34. Navigation</b>					
Sequence No.	Item	1	2	3	4
-23-01	Non-stabilized Magnetic Compass				
-00A	(Day, VMC)	B	1	0	May be inoperative provided: a) Any combination of two gyro or AHRS-stabilized compass systems are operative, and b) Aircraft is not operated at night or in Instrument Meteorological Conditions (IMC).
-00B		B	1	0	May be inoperative provided: a) Any combination of two gyro or AHRS-stabilized compass systems are operative, b) Aircraft is operated with dual independent navigation capability, and c) Aircraft is operated under positive radar control by ATC on enroute portion of flight.
-01	Internal Lighting	C	1	0	May be inoperative provided flightcrew determines adequate natural or artificial lighting exists to read compass.
-24-01 ***	Cursor Control Panel Copilot (CCP 2) (Units -0001 thru -0450 with Pro Line Fusion® STC SA11219SC installed)	B	2	1	(M) Copilot CCP may be inoperative provided: a) The Control Inhibit Switch is selected to Cursor position on copilot reversion panel, b) MKP is operative, and c) Touchscreen controls are operative for PFD 1, PFD 2 and MFD.

REVISION NO. 3

PAGE NO. 34-3

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-25-01 ***	Cursor Control Panel (Units -0001 thru -0450 with Pro Line 21 Installed)	C	1	0	May be inoperative provided Class 3 EFB is considered inoperative.	
-03	Memory Buttons (MEM1, MEM2, MEM3)	D	3	0		
-04	CHART Button	C	1	0	NOTE: Electronic charts will not be available, alternate charts must be carried.	
-05	Rotate Button	C	1	0	NOTE: Some electronic charts may not be legible, alternate charts must be carried.	
-06	ZOOM Button	C	1	0	NOTE 1: Some electronic charts may not be legible, alternate charts must be carried.  NOTE 2: Graphic weather zoom function will not be available.	
-07	Joystick	C	1	0	NOTE 1: Some electronic charts may not be legible, alternate charts must be carried.  NOTE 2: Graphic weather pan function will not be available.	
-25-02	Display Unit (Copilot PFD) (Units -0001 thru -0450)	C	1	0	May be inoperative for single-pilot operations.	



REVISION NO. 3

PAGE NO. 34-4

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-25-05	Display Controller (DCP-3030) (Units -0001 thru -0450 with Pro Line 21 Installed)					
	Display Controller (GCU 275) (Units -0451 and on)	B	2	1	(M) Copilot's controller may be failed provided: a) Controller is deactivated, b) Both touchscreen controllers are operative, and c) Barometer synchronization is verified engaged.	
-00	Navigation Source Selector (NAV/BRG) (Units -0001 thru -0450)	C	2	1	One may be inoperative provided: a) Button is operative on pilot flying side, and b) Flight director/autopilot is coupled to pilot flying side.	
-01	Barometer Standard (PUSH STD) (Units -0001 thru -0450)	C	2	0		
	Barometer Standard (PUSH STD) (Units -0451 and on)	C	2	0		
-02	Range / Pan Control (Knob) (Units -0451 and on)	C	2	0	May be inoperative provided touchscreen controller for associated display is operative.	
-03	Clear (CLR) (Units -0451 and on)	C	2	0		
-04	Enter (ENT) (Units -0451 and on)	C	2	0		
(Continued)						

REVISION NO. 3

PAGE NO. 34-5

DATE: 08/07/2019

AIRCRAFT:  
TEXTRON AVIATION 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-25-05	Display Controller (Cont'd)					
-05	Cursor / Select (PFD / PUSH CRSR) (Units -0451 and on)	C	6	0		
-06	Direct To (D>) (Units -0451 and on)	C	2	0	NOTE: Function may be selected on touchscreen controller.	
-07	Flight Plan (FPL) (Units -0451 and on)	C	2	0	NOTE: Function may be selected on touchscreen controller.	
-08	Radio Control (COM/NAV) (Units -0451 and on)	C	2	0	NOTE: Function may be selected on touchscreen controller.	
-09	Procedure (PROC) (Units -0451 and on)	C	2	0	NOTE: Function may be selected on touchscreen controller.	
-10	Barometer Setting (BARO) (Units -0451 and on)	B	2	1	Copilot's setting may be inoperative provided barometer synchronization is enabled.	
-11	Weather Radar Controls (RADAR-GCS-TILT-PUSH AUTO TILT) (Units -0001 thru -0450)	C	8	0	May be inoperative provided procedures do not require its use or weather radar is not required.	
-12	Engine Display (ENG) (Units -0001 thru -0450)	C	2	0		

REVISION NO. 3

PAGE NO. 34-6

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-25-06	Touchscreen Controller (GTC) (Right) (Units -0451 and on)	B	1	0	(M) May be inoperative provided: a) Controller is deactivated, and b) CPDLC is not required for route to be flown.  NOTE: Any functions or controls that operate normally may be used.	
-25-07 ***	AFD Touchscreen Control (Units -0001 thru -0450 with Pro Line Fusion® STC SA11219SC installed)	C	3	2	One Touchscreen Control may be inoperative provided: a) Both CCPs are operative b) Touchscreen is inhibited on the inoperative display  NOTE: Touchscreen is inhibited by placing Control Inhibit switch to "Touch" on the inoperative display.	
-25-08 ***	TILT Single Knob Panel (TILT SKP 2) (Units -0001 thru -0450 with Pro Line Fusion® STC SA11219SC installed)	C	2	1	Copilot TILT SKP may be inoperative provided PFD 2 Touchscreen controls are operative.	
-25-09	BARO Single Knob Panel (BARO SKP 2) (Units -0001 thru -0450 with Pro Line Fusion® STC SA11219SC installed)	C	2	1	Copilot BARO SKP may be inoperative provided PFD 2 Touchscreen controls are operative.	

REVISION NO. 3

PAGE NO. 34-7

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-25-10 ***	Synthetic Vision System (SVS)					
***	(Units -0451 and on)	C	1	0	May be inoperative provided procedures do not require its use.	
***	(Units -0001 thru -0450 with Pro Line Fusion® STC SA11219SC installed)	C	2	0	May be inoperative provided procedures do not require its use.	
-25-11	Course / Heading Panel Function Control (CHP-3000 and CKP-3000) (Units -0001 thru -0450)					
-01	Course	B	2	1	One may be inoperative provided procedures do not require its use.	
-02	Course Direct (PUSH DIRECT)	C	2	0		
-03	Heading Sync (PUSH SYNC)	C	1	0		
-25-12 ***	Multifunction Keyboard Panel (MKP) (Units -0001 thru -0450 with Pro Line Fusion® STC SA11219SC installed)	B	1	0	MKP may be inoperative provided: a) Both CCPs are Operative, and b) Touchscreen controls are operative for PFD 1, MFD, and PFD 2.	

REVISION NO. 3

PAGE NO. 34-8

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-31-01	Localizer System	C	-	-	May be inoperative provided: a) Affected system is not on an emergency bus, b) Associated glideslope is considered inoperative (Refer to item 34-32-01), c) Procedures do not require its use, and d) System is not required by 14 CFR.	
-32-01	Glideslope System	C	-	-	May be inoperative provided: a) Procedures do not require its use, and b) System is not required by 14 CFR.	
-34-01	Marker Beacon Receiver System	C	-	0	May be inoperative provided: a) Procedures do not require its use, and b) System is not required by 14 CFR.	
-36-01 ***	Reactive Windshear System (Includes TAWS windshear mode)	C	1	0	(O) May be inoperative provided alternate procedures are established and used.	
-42-01	Weather Radar System	C	1	0	May be inoperative provided system is not required by 14 CFR.	
-44-01	Radio Altimeter System					
-00B	(TAWS or TCAS II required)	A	1	0	(M) May be inoperative provided: a) Radio altimeter is deactivated, b) Approach minimums or operating procedures do not require its use, c) Basic TAWS modes are considered inoperative (Refer to item 34-44-03), d) TCAS II is considered inoperative (Refer to item 34-45-01), and e) Repairs are made within 2 flight-days.	

REVISION NO. 3

PAGE NO. 34-9

DATE: 08/07/2019

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-44-02 ***	Surface Awareness System (Runway Awareness and Advisory System RAAS) (Units -0001 thru -0450)	C	1	0		
-44-02 ***	Surface Awareness System (SurfaceWatch) (Units -0451 and on)	C	1	0		
-44-03	Terrain Awareness and Warning System (TAWS) (Including test mode) (Class A or B TAWS required)	A	1	0	(O) May be inoperative provided: a) Alternate procedures are established and used, b) RNP AR procedures are not conducted, and c) Repairs are made within 2 flight-days.	
-01	Forward Looking Terrain Avoidance Function and Premature Descent Alert Function	B	2	0	(O) May be inoperative provided alternate procedures are established and used.	
-02	Excessive Rate of Descent (Mode 1) and Altitude Loss After Takeoff or Missed Approach (Mode 3)	A	2	0	(O) May be inoperative provided: a) Alternate procedures are established and used, and b) Repairs are made within 2 flight-days.	
-03A	Voice Callouts (Mode 6) ("Five-Hundred")	B	1	0	(O) May be inoperative provided alternate procedures are established and used.	
-03B	Voice Callouts (Mode 6) (Other)	C	-	0	(O) May be inoperative provided alternate procedures are established and used.	
(Continued)						

REVISION NO. 3

PAGE NO. 34-10

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-44-03	Terrain Awareness and Warning System (TAWS) (Including test mode) (Class A or B TAWS required) (Cont'd)					
-04B	Excessive Closure Rate to Terrain (Mode 2) and Flight Into Terrain Not in Landing Configuration (Mode 4) (Class B TAWS required)	C	2	0		
-05	Excessive Downward Glideslope/Glidepath Deviation (Mode 5) (Class B TAWS required)	C	-	0		
-06	Terrain Display (Class B TAWS required)	C	-	0		
-07	Switch (Any excluding TAWS Test) (Class B TAWS required)	C	-	0		
-08	Annunciator / Indication (Class B TAWS required)	C	-	0		

REVISION NO. 3

PAGE NO. 34-11

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-45-01 ***	Traffic Alert and Collision Avoidance System (TCAS I or TCAS II)					
-00A	(TCAS not required)	C	1	0	(M) May be inoperative provided: a) System is deactivated, b) System is not required by 14 CFR, and c) Enroute or approach procedures do not require its use.	
-00B	(TCAS required)	B	1	0	(M) May be inoperative provided: a) System is deactivated, and b) Enroute or approach procedures do not require its use.	
-01	Traffic Advisory (TA) Display (TCAS II only)	C	-	0	(O) May be inoperative provided: a) Resolution Advisory (RA) display and audio function are operative, and b) Enroute or approach procedures do not require use of TCAS.	
-02A	Resolution Advisory (RA) Display (TCAS II only)	C	2	1	One may be inoperative on pilot not flying side.	
-02B	Resolution Advisory (RA) Display (TCAS II only)	C	2	0	(O) May be inoperative provided: a) Traffic Advisory (TA) display and audio function are operative, b) TA-only mode is selected on TCAS controller or menu, and c) Enroute or approach procedures do not require use of TCAS.	
(Continued)						



REVISION NO. 3

PAGE NO. 34-12

DATE: 08/07/2019

AIRCRAFT:

Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-45-01 ***	Traffic Alert and Collision Avoidance System (Cont'd)					
-03A	Traffic Advisory (TA) and Resolution Advisory (RA) Displays Failed (TCAS II only)	C	2	1	One side may be inoperative provided: a) Traffic Advisory (TA) and Resolution Advisory (RA) displays are operative on pilot flying side, and b) Audio function is operative.	
-04	Audio Function	B	1	0	May be inoperative provided enroute or approach procedures do not require use of TCAS.	
-05 ***	Airspace Selection Function (Above / below)	C	-	0		
-45-02 ***	Traffic Collision Avoidance Device (TCAD)	D	1	0		
-46-01 ***	Lightning Detection System	D	1	0	May be inoperative provided system is not required by 14 CFR.	
-51-01	Distance Measuring Equipment (DME)	D	-	-	Any in excess of those required by 14 CFR may be inoperative.	
-52-01	ATC Transponder and Automatic Altitude Reporting System					
***	Including STCs: ACSS SA02677LA					 
-00A	(Individual transponder failed) (Units -0001 thru -0041)	D	-	1	Any in excess of those required by 14 CFR may be inoperative.	
(Continued)						

REVISION NO. 3

PAGE NO. 34-13

DATE: 08/07/2019

AIRCRAFT:  
TEXTRON AVIATION 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-52-01	ATC Transponder and Automatic Altitude Reporting System (Cont'd)					
-00A	(Individual transponder failed) (Excluding Number 1 transponder) (Units -0042 and on)	D	-	1	Any in excess of those required by 14 CFR may be inoperative.	
-00B	(All transponders failed)	B	-	0	May be inoperative provided: <ul style="list-style-type: none"> <li>a) Operations do not require its use,</li> <li>b) Prior to flight, approval is obtained from ATC facilities having jurisdiction over planned route of flight,</li> <li>c) TCAS is considered inoperative (Refer to item 34-45-01), and</li> <li>d) Aircraft is not operated RVSM.</li> </ul>	
-01 ***	Elementary and Enhanced Downlink Aircraft Reportable Parameters (Not required by 14 CFR)	A	-	0	May be inoperative provided: <ul style="list-style-type: none"> <li>a) Operations do not require their use, and</li> <li>b) Repairs are made prior to completion of next scheduled inspection/check of transponder.</li> </ul>	
-02	ADS-B Squitter Transmission (Units -0451 and on)				Moved to ATA 34-58-01 Rev 3.	

AIRCRAFT: Textron Aviation Model 525B	<b>TABLE KEY</b>
	1. REPAIR CATEGORY
	2. NO. INSTALLED
	3. NO. REQUIRED FOR DISPATCH
	4. REMARKS OR EXCEPTIONS

## 34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
-52-02	Automatic Dependent Surveillance-Broadcast (ADS-B) System Including STCs: ACSS ST02632LA BHE SA11219SC	C	-	0	(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.	
		D	-	0	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.	
		C	-	1	One may be inoperative as required by 14 CFR.  NOTE: Any ADS-B function that operates normally may be used.	
***	ADS-B Out Extended Squitter Transmissions	C	-	0	(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.  NOTE: Any ADS-B function that operates normally may be used.	
					(Continued)	

REVISION NO. 3

PAGE NO. 34-15

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-52-02	Automatic Dependent Surveillance-Broadcast (ADS-B) System Including STCs: ACSS ST02632LA BHE SA11219SC (Cont'd)					
		C	-	1	One must be operative as required by 14 CFR.  NOTE: Any ADS-B function that operates normally may be used.	
***	ADS-B In Transmissions	C	-	0	(O) May be inoperative provided alternate procedures are established and used.  NOTE: Any ADS-B In function that operates normally may be used.	
		D	-	0	May be inoperative provided operations do not require its use.  NOTE: Any ADS-B function that operates normally may be used.	

REVISION NO. 3

PAGE NO. 34-16

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**34. Navigation**

Sequence No.	Item	1	2	3	4	Change Bar
-52-03	Transponder Ident Button (XPDR IDNT)					
00A	(One button failed)	C	2	1	One may be inoperative.	
00B	(Both buttons failed)	B	2	0	May be inoperative provided all ATC transponders are considered inoperative (Refer to 34-52-01-00B).	
-54-01	Very High Frequency Omni Range (VOR) System	C	-	0	May be inoperative provided: <ul style="list-style-type: none"> <li>a) Affected system is not on an emergency bus,</li> <li>b) Procedures do not require its use, and</li> <li>c) System is not required by 14 CFR.</li> </ul>	
-55-01 ***	Automatic Direction Finder (ADF)	D	-	0	May be inoperative provided operations do not require its use.	
-57-01	Global Navigation Satellite System (GNSS) (Including SBAS)	C	-	0	May be inoperative provided: <ul style="list-style-type: none"> <li>a) System is not required by 14 CFR, and</li> <li>b) Operations do not require its use.</li> </ul> <p>NOTE 1: Enhanced function of TAWS may not be available.</p> <p>NOTE 2: ADS-B output may not be available.</p>	

## 34. Navigation

Sequence No.	Item	1	2	3	4	Change Bar
-60-02	Flight Management System (FMS)	C	-	0	May be inoperative provided: a) System is not required by 14 CFR, and b) Operations do not require its use.  NOTE 1: Enhanced function of TAWS may not be available.  NOTE 2: ADS-B output may not be available.	
-02 ***	Takeoff and Landing Data (TOLD) Calculation Function or Database	D	1	0	Function may be inoperative or database may be not loaded.	
-60-03 ***	Information Management Server (IMS-3500) (Units -0001 thru -0450)	D	1	0	May be inoperative provided navigation database, electronic charts, and performance database are loaded by alternate means.	
61-01	Navigation Database				DELETED REV 3. (Refer to Policy Letter 98)	

REVISION NO. 3

PAGE NO. 35-1

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**35. Oxygen**

Sequence No.	Item	1	2	3	4	Change Bar
-00-03	Oxygen System					
-01	Fill Port	C	1	0	(M) May be inoperative provided bottle is filled using alternate means, if service is required.	
-03	Blowout Disk / Green Label	C	1	0	May be missing or damaged provided oxygen pressure is verified prior to each flight.	
-10-01	Flightcrew Oxygen System					
-01	Copilot Oxygen Mask	C	1	0	May be inoperative provided copilot seat is not occupied.	
-20-01	Passenger Oxygen System					
-00A	(With cabin occupants)	B	1	0	May be inoperative provided: <ul style="list-style-type: none"> <li>a) Cabin pressurization system is operative,</li> <li>b) Aircraft is able to descend within four minutes to a cabin pressure altitude of 13,000 feet at all points along route to be flown, and</li> <li>c) Aircraft is operated at FL 250 or below.</li> </ul>	
-00B	(Without cabin occupants)	C	1	0	May be inoperative provided: <ul style="list-style-type: none"> <li>a) OXYGEN CONTROL is selected to CREW ONLY,</li> <li>b) No cabin occupants are carried.</li> </ul>	
-00C	(Cabin unpressurized)	C	1	0	May be inoperative provided cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
(Continued)						

REVISION NO. 3

PAGE NO. 35-2

DATE: 08/07/2019

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**35. Oxygen**

Sequence No.	Item	1	2	3	4	Change Bar
-20-01	Passenger Oxygen System (Cont'd)					
-01	Mask	C	-	0	(M) Individual oxygen masks or dispensers may be inoperative or missing provided: <ol style="list-style-type: none"> <li>a) Affected mask pintle pin is installed, and</li> <li>b) Associated seat or lavatory is placarded "DO NOT OCCUPY".</li> </ol>	
-02	Drop-out Panel	C	-	0	(M) Individual panels may be out of normal position provided: <ol style="list-style-type: none"> <li>a) Affected oxygen mask and drop-out panel are removed,</li> <li>b) Affected mask pintle pin is installed, and</li> <li>c) Associated seat or lavatory is placarded "DO NOT OCCUPY".</li> </ol>	
-30-01 ***	Portable Oxygen System	D	-	-	Any in excess of those required by 14 CFR may be inoperative provided: <ol style="list-style-type: none"> <li>a) Inoperative oxygen bottle is placarded "INOPERATIVE", removed from installed location, and placed out of sight so it cannot be mistaken for a functional unit, and</li> <li>b) Bottles not properly serviced are replaced, serviced, or removed at next available maintenance facility.</li> </ol>	
-30-02 ***	Portable Protective Breathing Equipment (PBE)	D	-	-	Any in excess of those required by 14 CFR may be inoperative or missing provided location placarding is removed or obscured.  NOTE: Inoperative PBE units are subject to 49 CFR dangerous goods regulations.	     



REVISION NO. 2

PAGE NO. 38-1

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**38. Water/Waste**

Sequence No.	Item	1	2	3	4	Change Bar
-30-01 ***	Relief Tube (Toilet)	C	1	0	(M) May be damaged or inoperative provided: a) All liquid is removed from relief tube, and b) Relief tube is placarded "DO NOT USE".	
-30-03	Lavatory Waste System	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".	
-30-04	Overboard Drain (Excluding drain heater)					
-02	Evaporator Fan (Forward)	C	1	0	May be damaged or obstructed provided forward evaporator fan is considered inoperative (Refer to item 21-50-03-05).	
-03	Refreshment Center	C	1	0	(O) May be damaged or obstructed provided: a) All liquid is removed from refreshment center hot liquid storage and drip pan, b) Refreshment center hot liquid storage and drip pan are placarded "DO NOT USE", and c) Ice drawer drain valve remains closed.	
-04	Relief Tube (Toilet)	C	1	0	May be damaged or obstructed provided toilet relief tube is considered inoperative (Refer to item 38-30-01).	

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 45-1

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**45. Central Maintenance System**

Sequence No.	Item	1	2	3	4	Change Bar
-00-01 ***	Aircraft Recording System (AReS)	D	1	0		

REVISION NO. 2

PAGE NO. 46-1

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**46. Information Systems**

Sequence No.	Item	1	2	3	4	Change Bar
-00-01 ***	Electronic Flight Bag (EFB) System					
-00A	Class 3 EFB (Includes IFIS)	D	-	0	May be inoperative provided procedures do not require its use.	
-00B	Class 3 EFB (Includes IFIS)	C	-	0	(O) May be inoperative provided alternate procedures are established and used.  NOTE: Any function, program, or document which operates normally may be used.	
-01A	Data Connectivity (Class 2)	D	-	0	May be inoperative provided procedures do not require its use.	
-01B	Data Connectivity (Class 2)	C	-	0	(O) May be inoperative provided alternate procedures are established and used.	
-02A	Power Connection (Class 1 & 2)	D	-	0	May be inoperative provided procedures do not require its use.	
-02B	Power Connection (Class 1 & 2)	C	-	0	(O) May be inoperative provided alternate procedures are established and used.	
-03A	Mounting Device (Class 2)	D	-	0	(M) May be inoperative provided: a) Associated EFB and hardware is secured by alternate means or removed from aircraft, and b) Procedures do not require its use.	
-03B	Mounting Device (Class 2)	C	-	0	(M)(O) May be inoperative provided: a) Associated EFB and hardware is secured by alternate means or removed from aircraft, and b) Alternate procedures are established and used.	

## 52. Doors

Sequence No.	Item	1	2	3	4	Change Bar
-10-01	Main Cabin Door					
-01	Key Lock (Failed unlocked)	D	1	0		
-04A	Primary Seal (Cabin pressurized)	C	1	0	May be inoperative provided: a) Primary seal does not interfere with door operation, b) Secondary door seal is verified intact, and c) Aircraft is operated at FL 250 or below.	
-04B	Primary Seal (Cabin unpressurized)	C	1	0	May be inoperative provided: a) Primary seal does not interfere with door operation, and b) Cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
-05A	Secondary Seal (Cabin pressurized)	C	1	0	May be damaged provided: a) Primary door seal is operative, b) Secondary seal does not interfere with door operation, and c) Aircraft is operated at FL 250 or below.	
-05B	Secondary Seal (Cabin unpressurized)	C	1	0	May be damaged provided: a) Secondary seal does not interfere with door operation, and b) Cabin pressurization system is considered inoperative (Refer to item 21-30-02).	
-08	Gust Lock	B	1	0	(O) May be inoperative provided a procedure is established and used to prevent unrestricted movement of cabin door.	
					(Continued)	

REVISION NO. 2

PAGE NO. 52-2

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**52. Doors**

Sequence No.	Item	1	2	3	4	Change Bar
-10-01	Main Cabin Door (Cont'd)					
-09	Pull Chain	C	1	0	(O) May be missing or damaged provided: a) Chain does not interfere with door operation, and b) Cabin door is not allowed to open uncontrollably.	
-10-02	Main Cabin Door Step System (Composite step or ladder)	C	1	0	(M) (O) May be inoperative provided: a) Step support cables or chains are removed, b) Step assembly is removed, and c) Alternate procedures for entering/exiting aircraft are established and used.	
-01 ***	Rate Controller (Composite step equipped aircraft)	C	2	0	(M) May be inoperative provided: a) Affected rate controller is removed, b) Both step support cables are operative and used to lower and raise steps, and c) Cabin door step is not allowed to unfold uncontrollably.	
-30-01	Aft Baggage Door					
-01	Key Lock (Failed unlocked)	D	1	0	May be inoperative provided door is verified closed and latched prior to each flight.  NOTE: Aft baggage door warning system may activate.	
-02	Gas Spring	C	1	0	(O) May be inoperative provided a procedure is established and used to prevent unrestricted movement of baggage door.	

REVISION NO. 2

PAGE NO. 52-3

DATE: 09/22/2014

AIRCRAFT:  
Textron Aviation Model 525B

**TABLE KEY**

1. REPAIR CATEGORY
2. NO. INSTALLED
3. NO. REQUIRED FOR DISPATCH
4. REMARKS OR EXCEPTIONS

**52. Doors**

Sequence No.	Item	1	2	3	4	Change Bar
-40-01	Nose Baggage Door					
-01A	Key Lock (Failed unlocked)	C	2	0	May be inoperative provided door is verified closed and latched prior to each flight.  NOTE: Nose baggage door warning system may activate.	
-01B	Key Lock (Failed locked)	C	2	1	(O) One may be inoperative provided alternate procedures are established and used to perform required preflight actions through operative door.	
-02	Gas Spring	D	2	0	May be inoperative or removed.  NOTE: Precautions should be taken when opening door(s).	
-50-02	Lavatory Door	C	2	0	(M) May be inoperative provided door is secured open.	
-70-01	Door Warning System					
-01	Aft Baggage	C	1	0	May be inoperative provided: a) Door is verified closed, latched, and locked prior to each flight, and b) Aircraft is operated at 200 KIAS or less.	
-02	Emergency Exit	C	1	0	May be inoperative provided: a) Hatch is verified closed and latched prior to each flight, and b) Aircraft is operated at FL 410 or below.	
(Continued)						

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 52-4

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**52. Doors**

Sequence No.	Item	1	2	3	4	Change Bar
-70-01	Door Warning System (Cont'd)					
-06	Nose Baggage	B	2	0	May be inoperative provided:	
					a) Door is verified closed, latched, and locked prior to each flight, and	
					b) Aircraft is operated at 200 KIAS or less.	
-07	Main Cabin	B	1	0	(O) May be inoperative provided:	
					a) Door is verified closed and handle latched,	
					b) All lock flags are visible in sight glass locations,	
					c) Internal door handle is verified correctly stowed,	
					d) Aircraft is operated at 200 KIAS or less, and	
					e) Aircraft is operated at FL 250 or below.	

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 73-1

<p>AIRCRAFT: TEXTRON AVIATION 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**73. Engine Fuel and Control**

Sequence No.	Item	1	2	3	4	Change Bar
-33-01	Fuel Flow Indicating System	A	2	1	One may be inoperative provided: a) Both fuel quantity indicating systems are operative, and b) Repairs are made within 3 flight-days.	



REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 76-1

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

**76. Engine Control**

Sequence No.	Item	1	2	3	4 <span style="float: right;">Change Bar</span>
-01-01	Engine Synchronizer System (Failed off)	C	1	0	
-01	ON Light (Units -0001 thru -0450)	D	1	0	May be inoperative provided ENGINE SYNC selector is verified OFF prior to takeoff and landing.

REVISION NO. 2  
DATE: 09/22/2014

PAGE NO. 77-1

<p>AIRCRAFT: Textron Aviation Model 525B</p>	<p><b>TABLE KEY</b></p> <ol style="list-style-type: none"> <li>1. REPAIR CATEGORY</li> <li>2. NO. INSTALLED</li> <li>3. NO. REQUIRED FOR DISPATCH</li> <li>4. REMARKS OR EXCEPTIONS</li> </ol>
--	--

### 77. Engine Indicating

Sequence No.	Item	1	2	3	4 <span style="float: right;">Change Bar</span>
-00-01	Ignition Light (Green light near switch) (Units -0001 thru -0450)	C	2	1	One may be inoperative provided green IGN message is referenced on Engine Indicating System (EIS).