

Total Air Group

Capabilities List

I. Cover page



Capabilities List

**2456 Winchester Rd
Memphis Tn 38116**

**Page 1
Revision: 20
April 6, 2017**

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III. Record of Revisions

Upon receipt of revisions, remove old pages and insert the revised pages into the manual. Then enter the revision number, revision date, insertion date, and initials of the person inserting the revision into the appropriate block on the Record of Revisions. Return removed pages to the Chief Inspector.

Revision Number	Revision Date	Insert Date	Inserted By
Original	10/24/09	11/24/09	RICHARD CARBUCCIA, DQA
1	12/01/09	12/01/09	RICHARD CARBUCCIA, DQA
2	02/02/10	02/02/10	RICHARD CARBUCCIA, DQA
3	02/24/10	02/24/10	RICHARD CARBUCCIA, DQA
4	10/01/10	10/02/10	RICHARD CARBUCCIA, DQA
5	11/02/10	11/03/10	RICHARD CARBUCCIA, DQA
6	01/21/11	01/21/11	RICHARD CARBUCCIA, DQA
7	03/01/11	03/08/11	RICHARD CARBUCCIA, DQA
8	03/15/11	03/16/11	RICHARD CARBUCCIA, DQA
9	09/09/11	09/10/11	RICHARD CARBUCCIA, DQA
10	11/29/11	11/30/11	RICHARD CARBUCCIA, DQA
11	01/14/12	01/16/12	RICHARD CARBUCCIA, DQA
12	03/19/12	03/19/12	RICHARD CARBUCCIA, DQA
13	04/15/12	04/16/12	RICHARD CARBUCCIA, DQA
14	12/04/12	12/05/12	RICHARD CARBUCCIA, DQA
15	09/09/13	09/23/13	RICHARD CARBUCCIA, DQA
16	04/17/14	04/21/14	RICHARD CARBUCCIA, DQA
17	07/18/14	07/22/14	DOUG RAGSDALE, DQA
18	4/13/15	06/30/15	DOUG RAGSDALE, DQA
19	10/21/16	11/29/2016	MIKE DAY, DQA

Accepted

DANIEL P
MERRELL

Digitally signed

by DANIEL P
MERRELL

Date: 2018.01.08

12:02:53 -06'00'

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April 06, 2017

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Revision Number	Revision Date	Insert Date	Inserted By
20	4/6/2017	4/17/17	MIKE DAY, DQA
21	5/9/2017	5/17/2017	MIKE DAY, DQA
22	6/22/2017	7/12/2017	MIKE DAY, DQA
23	1/5/2018	8/JAN/2018	MIKE DAY, DQA

Accepted

Digitally signed
by DANIEL P
MERRELL
Date: 2018.01.08
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IV. Revising the Capabilities List

1. Reason:

The purpose of this manual is to simplify the revision process by removing the Capabilities List from the RSM.

2. Responsibility:

The DQA and/or Chief Inspector will be primarily responsible for maintaining and determining when amendments or changes are required to the list..

3. Procedure:

- A. After identifying the need for adding or removing an article from the current Capabilities List, the DQA and/or Chief Inspector will meet with maintenance management to discuss if changes in "Operation Requirements" will be needed or required.
- B. Total Air Group will perform a self audit utilizing form TAG-CSE-01 contained in the Forms Manual. Each affected department manager will make sure that all of the resources needed to support the change are available.
- C. Depending on the complexity of the change, the DQA and/or Chief Inspector may request documentation to support such change. These documents will be attached and filed with the Self Audit.
- D. Once the DQA and /or Chief Inspector reviews the Self Audit form, the DQA or the Chief Inspector signs the bottom of the form as a final approval. Then submits the revised list to the local CHDO.
- E. Total Air Group's current Capabilities List is listed on the following pages.

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V. Capabilities List

Limited Ratings Airframe

<u>Manufacturer</u>	<u>Model/Series</u>	<u>Limitations</u>
Airbus	A319, A320, A330	Line maintenance
Beech Aircraft Corp	17, 19, 23, and 24 Musketeer	None
	33, 35, and 36 Bonanza series	None
	55, 56, 58, and 58P Baron	None
	60 Duke and 76 Dutchess	None
	Skipper 77 series	None
	Travel Air 95 series	None
	King Air 90 series	None
	King Air 100 series	None
	King Air 200 series	None
	King Air 300 series	None
	Beechjet 400 series	None
Boeing	B737-200,-300,-400,-700, -800 series, B717-200 B767-200,-300,-400 B757-200 series B727 series	Line maintenance
Bombardier	CRJ 100/200 series	Line maintenance
	Challenger 300 series	Line maintenance
	Challenger 600 series	Line maintenance
Cessna Aircraft	100, 200, 300, 400 and 500, 600 & 700 series	None
Cirrus Aircraft	SR20 and SR22	None

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Capabilities List

Limited Ratings Airframe cont.

<u>Manufacturer</u>	<u>Model/Series</u>	<u>Limitations</u>
Columbia Aircraft	300, 350 and 400	None
Concorde Batter Corp.	Concorde Aircraft Batteries- ALL	None
Dassault Falcon	50, 900 & 2000 series	None
Diamond Aircraft	DA20-A1, DA20-C1, DA40-180 AND DA42	None
Dornier	Do-328 and Do-328J series	Line Maintenance
Eclipse Aviation Corp.	AE500	None
Embraer	145, 170, 175, 190, 500, 505 series	None
Gill	Aircraft Batteries-ALL	None
Gulfstream Aircraft	200, 500, 520, 560, 680, 685, 700 series	None
Lear	20, 30, 40, 50, 60 series	None
Grumman American	AA & AG series	None
MarathonNorco Aerospace	Aircraft Batteries-ALL	None
McDonnell Douglas	DC9-30-50, MD80, MD87 MD88	Line maintenance
Mitsubishi Aircraft	MU2B-40 and MU2B-60	None

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Limited Ratings Airframe cont.

<u>Manufacturer</u>	<u>Model/Series</u>	<u>Limitations</u>
Mooney Aircraft	M20 and M22 series	None
Pilatus	PC-12 series	None
Piper Aircraft	PA-24 and PA-28 series PA34 and PA44 series PA31 and PA32 series PA42 and PA46 series	None None None None
Saberliner	265-65	None
SAAB	340 series	None
SAFT	SAFT Aircraft batteries- ALL	None
SOCATA Aircraft	TB20, TB21 and TBM700	None
Twin Commander	112,114, 500, 690 and 695 series	None
AMSAFE / C-SAFE	RKN Active ULD	Inspection, troubleshooting and repair, not to include overhaul.

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Limited Rating Powerplant

<u>Manufacturer</u>	<u>Model/Series</u>	<u>Limitations</u>
Honeywell/Garrett	TPE331 & TFE731 series	Inspection and replacement of components, not to include overhaul
	HTF 7000	Inspection and replacement of components, not to include overhaul
Pratt and Whitney	PT-6 series, JT15 series 545 series	Inspection and replacement of components, not to include overhaul.
	JT8D (-7B,-15,15A,-17,-17A, -217) JT9D-7R4 (-500,-600) PW4000 series	Line maintenance
	PW610F-A	Inspection and replacement of components, not to include overhaul.
	PW 535 series	Inspection and replacement of components, not to include overhaul
	PW617 series	Inspection and replacement of components, not to include overhaul
General Electric	CF34 series, CF6 (-6, -50) series CF680C2 series	Line maintenance
	CT7 series	Inspection and replacement of components, not to include overhaul
CFM	CFM-56 series	Line maintenance

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Capabilities List

Limited Rating Powerplant cont

Teledyne Continental

**O-200, O-300, O-360
IO-360, TSI-360, O-470,**

**TSIO-360, O-470, IO-470,
TSIO-470, O-520, IO-520,
TSIO-520, GTSIO-520,
IO-550 and TSIO-550**

**Line maintenance,
Replacement of
components
up to and including
overhaul. Limited to
direct drive.**

Textron Lycoming

4 Cyl. and 6 Cyl. Direct drive

**Line maintenance,
Replacement of
components
up to and including
overhaul.**

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Capabilities List

Limited Radio

Manufacturer

Model/Series

Limitations

All

All

ATC Transponder test and inspections IAW 14 CFR 43 Appendix F.

Avidyne

See Chart Below

Removal, installations, test and software updates.

	RADIO	INSTRUMENT	RADAR	MFD	MECHANICAL	ELECTRICAL	GYRO	NAV	COM
AVIDYNE									
TWX 670	X		X			X			
PFD 4000	X			X		X			
MHD 300	X					X			
MLX 770	X		X			X			
MLX 780	X		X			X			
MLB 700	X		X	X		X			
EX 500	X					X			
EX 5000	X		X	X		X		X	
TAS 600	X					X			
TAS 600A	X					X			
TAS 610	X					X			
TAS 620	X					X			
FMS 900W	X					X			
TAS 9900BX	X		X			X			

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Capabilities List

Limited Radio, Continued

Manufacturer

Model/Series

Limitations

Garmin

See Chart Below

Removal, installations,
replacement of internal
memory batteries, test and
software updates.

GARMIN	RADIO INSTRUMENT RADAR MFD MECHANICAL ELECTRICAL GYRO NAV COM									
	RADIO	INSTRUMENT	RADAR	MFD	MECHANICAL	ELECTRICAL	GYRO	NAV	COM	
G1000	X		X	X		X		X	X	
G3000	X		X	X		X		X	X	
G5000	X		X	X		X		X	X	
G 600	X		X	X		X		X		
GNS 430	X					X		X	X	
GNS 430W	X					X		X	X	
GNS 530	X					X		X	X	
GNS 530W	X					X		X	X	
GPS 400	X					X		X		
GPS 400W	X					X				
GPS 500	X					X				
GPS 500W	X					X				
GPS 155XL TSO	X					X				
GPS 165 TSO	X					X		X		
GNC 250XL	X					X		X		
GNC 300XL TSO	X					X		X		
GNC 400	X					X		X	X	
GNC 400W	X					X		X	X	
GNC 420	X					X		X	X	
GNC 420W	X					X		X	X	
GNC 500	X					X		X	X	
GNC 500W	X					X		X	X	
GMX200	X		X	X		X		X		
GMX 68	X		X			X				
GDL 90	X					X		X		
GDL 69	X					X		X		

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Capabilities List

Limited Radio, Continued

Manufacturer

Sandel

Model/Series

See Chart Below

Limitations

Removal, installations,
replacement of internal
memory batteries, test and
software updates.

	RADIO	INSTRUMENT	RADAR	MFD	MECHANICAL	ELECTRICAL	GYRO	NAV	COM
SANDEL	[REDACTED]								
SA 4550	X					X	X		
SN 3500	X					X		X	
SN 4500	X					X		X	
ST 3400	X					X			
SN 3308	X					X		X	

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Limited Instrument

Manufacturer

ALL

Model/Series

ALL

Limitations

Altimeter System and
Altitude Reporting,
Equipment Test and
Inspections IAW 14 CFR 43
Appendix E.

Manufacturer

Airpath

Model/Series

See Chart Below

Limitations

Repair or replace- Bezel,
seals, glass and fluid.
Excluding overhaul.

	RADIO	INSTRUMENT	RADAR	MFD	MECHANICAL	ELECTRICAL	GYRO	NAV	COM
AIRPATH									
C-2200		X			X			X	
C-2300		X			X			X	
C-2350		X			X			X	
C-2400		X			X			X	
C-2450		X			X			X	
C-2475		X			X			X	

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Capabilities List

Limited NonDestructive Testing

Manufacturer
NonDestructive Inspection,
Testing, and Processing

Model/Series
ALL

Limitations
Eddy Current, Liquid
Penetrant, and Magnetic
Particle