

FORM FLN A-1 Altimeter/Transponder Certification Checklist.
Revision 1, dated 9/19/17

FlightLevel Norwood, LLC

FAR 91.411 & 91.413 Part 43 CERTIFICATION

SYSTEM #: 1 DATE: 7/20/18 PERFORMED BY: Steven Wadler INSPECTED BY: Steven Wadler
CUSTOMER: Karim Malek A/C N#: 1566 A/C S/N: 348133054 W.O. #: 89871
ALT. MAKE: United P/N: 5934P-1 S/N: 27923 ADC MAKE: N/A P/N: N/A S/N: N/A
TRANSPONDER TESTER: Aviation MODEL: IFR 6000 S/N: 1000068573 CALIBRATED: 12/13/17 CAL. DUE: 12/13/18
PITOT/STATIC TESTER: Barfield MODEL: DPS1000 S/N: 00478 CALIBRATED: 11/12/17 CAL. DUE: 11/13/18

1. PITOT & STATIC DRAINS OPENED/CHECKED/CLOSED. C/W ☒ PART 43 APPX. E (A) (1)
2. CASE LEAK TEST @ 18K FT FOR 1 MIN. TOLERANCE. 100 FT. C/W ☒ PART 43 APPX E (B) (V)
3. STATIC SYSTEM: UNPRESS @ FLD ELEV. +1000 FT FOR 1 MIN. TOL. -100 FT. C/W ☒ PART 43 APPX. E (A) (2)
PRESSURIZED @ 30K FT. FOR 1 MIN. TOL. -500 FT. C/W N/A
4. ALT. BARO SCALE ERROR TEST REF. ALT: 0 FT=29.92 IN. HG. C/W ☒ APPX. E (B) (VI)

BARO SET	READING	SPEC. +/- 25 FT.	BARO SET	READING	SPEC. +/- 25 FT.
28.10	-1720	-1727	29.92	0	0
28.50	-1330	-1340	30.50	535	+531
29.00	-858	-863	30.90	893	+893
29.50	-380	-392	30.99	975	+974

5. AFTER EFFECT ERROR 10 TOLERANCE 30 FT. PART 43 APPX E (B) (iii)

TESTER PRESS IN. HG.	ALT. FT.	(B) (iv)		TOL. +/- FT.	(B) (i) SCALE ERROR TEST	TOL. +/- FT.	(C) ENCODER TESTS			
		BEFORE VIB. READING	AFTER VIB. READING				ENC READING	TOL. +/- 125 FT		
31.018	-1000	N/A	N/A	N/A	-5	20	-1000	TRANSPONDER TEST PART 43		
29.921	0	N/A	N/A	N/A	0	20	0			
29.385	500	N/A	N/A	N/A	0	20	500			
28.856	1000	995	1000	70	0	20	1100			
28.335	1500	N/A	N/A	N/A	0	25	1500	TEST	READ.	TOL.
27.821	2000	1995	2005	70	5	30	2000	FREQ	1088.7	+/-3 MHZ
26.817	3000	2990	3000	70	0	30	3000	TX PWR	129	>125 WATTS
25.842	4000	N/A	N/A	N/A	0	35	4000	SENS MODE A	-72.4	-73 +/- 4 DBM
24.896	5000	4975	4995	70	-5	N/A	5000	SENS MODE C	-72.4	-73 +/- 4 DBM
23.978	6000	N/A	N/A	N/A	-10	40	6000	DIFF A & C	- .2	+/- 1 DBM
22.225	8000	N/A	N/A	N/A	-25	60	7900	SLS @ 0 DBM	✓	1% REPL MAX
20.577	10000	9950	9975	80	-25	80	9900	SLS @ -9 DBM	✓	90% REPL MAX
19.029	12000	N/A	N/A	N/A	-30	90	11900	IDENT CHECK DIGITS CHECK LIGHTING CHECK ANTENNA CHECK		
17.577	14000	N/A	N/A	N/A	-25	100	14,100			
16.886	15000	14940	14975	90	-25	N/A	15,100			
16.216	16000	N/A	N/A	N/A	-25	110	16,100			
14.942	18000	N/A	N/A	N/A	-25	120	18,100	TRANSPONDER: GTX327 P/N: 011-00490-00 S/N: 83736128		
13.750	20000	19975	20010	100	10	130	20,100			
12.636	22000	N/A	N/A	N/A	40	140	22,100			
11.104	25000	25040	25100	120	100	155	24,900			
8.885	30000			140		180				
7.041	35000			160		205				
5.538	40000			180		230				
4.355	45000	N/A	N/A	N/A		255				
3.425	50000			250		280				

6. HYSTERESIS: 50% MAX. ALT. 30 ERROR +/- 75 FT. 40% MAX ALT. 25 ERROR +/- 75 FT. (B) (ii).
7. OPERATIONAL CHECK OF STATIC PORT HEATERS. C/W N/A PART 43 APPX. E (A) (3).
8. STATIC PORT AREA NOT DEFORMED OR ALTERED. C/W ☒ PART 43 APPX. E. (A) (4).