

AN/FMQ-19 REFERENCE/CERTIFICATION

<input type="checkbox"/> REFERENCE <input type="checkbox"/> CERTIFICATION	UNIT/LOCATION	DATE		
Certification procedures are accomplished using the specified paragraphs of T.O. 31M1-2FMQ19-1, Ver. 1.4.3. as referenced for each sensor listed below. Record values in the appropriate blocks of this form as shown.				
RUNWAY FDCU SENSOR	T.O. REF	REQUIRED VALUE	ACTUAL VALUE	SPECIAL NOTES/OTHER VALUES
CEILOMETER	6-3.1			
SUMMARY SCREEN FIELD			LAPTOP	
CEILOMETER		OK		
CLOUD HEIGHT 1		0		
CLOUD DEPTH 1		0		
WIND SENSOR	6-3.9.1	SPEED		
ANEMOMETER SETTING	200 RPM	0.0 - 2.3 KTS		PROPELLER TORQUE <input type="checkbox"/> SAT <input type="checkbox"/> UNSAT
	1600 RPM	15.0 - 15.5 KTS		
	6400 RPM	59.7 - 62.2 KTS		
	6-3.9.2	DIRECTION		
VANE ANGLE FIXTURE	30 DEGREES	28 - 32 DEG		VANE TORQUE <input type="checkbox"/> SAT <input type="checkbox"/> UNSAT
	120 DEGREES	118 - 122 DEG		
	210 DEGREES	208 - 212 DEG		
	300 DEGREES	298 - 302 DEG		
BAROMETER	6-3.11			
	ENTER TEST SET DATA			
SUMMARY SCREEN FIELD				
BAROMETER 1 PRESSURE		SEE NOTE		VALUES BASED ON AMBIENT TEMP FOR -22 TO 149 DEG F, TOLERANCE IS ± 0.8 hPa OF TEST SET READING, FOR -40 TO -22 DEG F, TOLERANCE IS ± 2.5 hPa OF TEST SET READING
BAROMETER 2 PRESSURE		SEE NOTE		
BAROMETER 3 PRESSURE		SEE NOTE		
VISIBILITY	APPENDIX B-02 (BELFORT MANUAL) PARA 3.12			
SUMMARY SCREEN FIELD	ID CHARACTER			
SENS PASS/FAIL STATUS	B	P		VALUES READ FROM DATA STREAM DEPICTED IN FIGURE 3.12, APPENDIX B-02, BELFORT VISIBILITY SENSOR MANUAL, AND ARE IN A PASS (P)/FAIL (F) FORMAT
RAM STATUS	D	P		
PROM STATUS	E	P		
EEPROM STATUS	F	P		
LED STATUS	G	P		
DAC STATUS	H	P		
AMB TEMP/REL HUM				
	ENTER TEST SET DATA			
		TEMP (AVG)		
		HUMID (AVG)		
SUMMARY SCREEN FIELD			AVERAGE	
AIR TEMPERATURE		SEE NOTE		AVG TEMP DIFFERENCE MUST < 1.5 DEG C ON LAPTOP COMPARED TO TEST SET
RELATIVE HUMIDITY		SEE NOTE		AVG HUMIDITY DIFFERENCE MUST BE < ± 5% ON LAPTOP COMPARED TO TEST SET
REMARKS				
TECHNICIAN				

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About the ITAOP/savePDF Method

The traditional Field-by-Field creation process is extremely ineffective and slow.

The only realistic option to create high-quality forms is the Insert-Text-Anywhere-on-Page (ITAOP) method.

The field creation process is about 10,000 times faster than the traditional method; the list of ITAOP features is not even available for the traditional method.

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