



FLIGHT TEST CHECKS

AVIONICS INSTALLATIONS

**LAA/FT- AVIONICS
Issue 6**

A/C
Type:

Reg: **G-**

Serial No:

IMPORTANT NOTE: These flight checks may only be conducted on aircraft with a valid Permit to Fly or flight test authorisation and after completion of the LAA/MOD 7 form.

For flight tests following modification to a previously approved avionics installation it is necessary to check **all** avionics equipment currently fitted.

1. COMMUNICATIONS RADIO (Including portable radios)

Equipment	Ground Station and Frequency	A/C Position & Distance from Station* (Min 20nm)	Height above Station	Reported Signal Strength	
				TX	RX
VHF COMM (1)		Posn:			
Model: Portable? Y / N		Distance:			
VHF COMM (2)		Posn:			
Model: Portable? Y / N		Distance:			

* To be acceptable, a VHF Communication check must establish a **minimum** range of 20nm from a maximum height of 2000ft above the ground station. At greater heights the range so established must be correspondingly greater, e.g. at 2800ft the range must be at least 28nm.

2. NAVIGATION AIDS

Equipment	Ground Station and Frequency	A/C position	Actual Radial	Audio Ident	Flag Ind. of reliable signal?	Pointer Indication
VOR (1)					SATIS/ UNSATIS	Radial°
Model:						From / To
VOR (2)					SATIS/ UNSATIS	Radial°
Model:						From / To
LOC (1)		X	X		SATIS/ UNSATIS	SATIS/ UNSATIS
Model:						SATIS/ UNSATIS
LOC (2)		X	X		SATIS/ UNSATIS	SATIS/ UNSATIS
Model:						SATIS/ UNSATIS
DME			Range (nm)			
Model:			Actual:	Indicated:		
ADF			Heading	Actual Rel. Brg	Indicated Brg	
Model:						
Marker (LO setting)		Beacon	Audio		Lamp	
Model:		Outer	SATIS / UNSATIS		SATIS / UNSATIS	
		Middle	SATIS / UNSATIS		SATIS / UNSATIS	

GPS	A/C Position	'GO TO' Position	Indicated Distance	Actual Distance
Model:				

3. MISCELLANEOUS

TRANSPONDER	Ground Station	Code	Range	Alt	Reported Signal
Model:					SATIS/ UNSATIS

ALTITUDE ENCODER (including those integral to transponder)	Indicated Altitude (as shown on aircraft altimeter using same pressure setting as ground station)	Reported Altitude (as reported by ground controller)
Model:		

INTER-COMM	Operation	Voice Activation
Model:	SATIS / UNSATIS	SATIS / UNSATIS

PROXIMITY ALERT / TCAS	Compass Error	Operation
Model:	deg.	SATIS / UNSATIS

4. CERTIFICATION

I certify that the avionics equipment designated on this schedule has, in every respect, been found to perform satisfactorily in flight, with the exception of the items listed below.

Exceptions (or state NIL):			
Pilot:	Signed:	Date of Test:	Licence No.:

Once completed, send this form to LAA Engineering.