

Model Aircraft :                     F16                     Model Aircraft LMA Reg. No (checked on aircraft).:           1895          Name of Remote Pilot:                     Eric Brown                     Name of Operator:                     Eric Brown                    From Flight Test Permit - Number of Test Flights Required:           6           Test Flight Time Required:           1 hour          

	Flight 1	Flight 2
Flight test permit valid	Yes / <del>No</del>	Yes / <del>No</del>
Date of flight / Duration of flight	<i>12 Jan 2023 6 Minutes</i>	<i>13 Jan 2023 6 Minutes</i>
Site location & runway type	<i>Elvington Tarmac</i>	<i>Cosford Grass</i>
Wind direction / strength	<i>North 12 Mph</i>	<i>South 12 Mph</i>
Startup / shutdown and ground handling	<i>No issues with startup or shutdown Left brake engaging first</i>	<i>No issues with startup or shutdown Ground handling fully controllable</i>
Crosswind takeoff / landing demonstrated	<i>90 degree crosswind, handled with no issue</i>	<i>90 degree crosswind, handled with no issue</i>
Takeoff / landing and climb / descent distances needed (m)	<i>Takeoff run 50m, climb 100m Landing roll 50m, descent 100m</i>	<i>Takeoff run 60m, climb 100m Landing roll 60m, descent 100m</i>
Handling characteristics at slow speed	<i>Fully controllable at approach speed</i>	<i>Slow circuit and pass, fully controllable</i>
Demonstration of stall characteristics – without power	<i>Not demonstrated</i>	<i>Gentle stall with nose drop straight ahead, easy recovery</i>
Demonstration of stall characteristics – with power	<i>Not demonstrated</i>	<i>Stall at 1/2 power, right wing drop, significant height loss for recovery</i>
Controllability on approach and overshoot	<i>Fully controllable during approach</i>	<i>Fully controllable during approach and during overshoot config. changes</i>
Handling characteristics at high speed – signs of flutter	<i>Not demonstrated</i>	<i>Full power high speed passes, no signs of flutter</i>
Flight display routine demonstrated	<i>Not demonstrated</i>	<i>Aircraft fully aerobatic and controllable</i>
If gyro stabilisation installed, gyro operational (minimum of 2 flights)	<i>Not demonstrated</i>	<i>3 axis gyro engaged, full control maintained and flight smoothed</i>
Ability to remain within 500m of pilot and applicable height limit.	<i>No issues remaining within limits</i>	<i>No issues remaining within limits</i>
Max. height reached	<i>300ft</i>	<i>1200ft</i>
Flight Logged in aircraft log	Yes / <del>No</del>	Yes / <del>No</del>
Flight successful and pilot handled aircraft competently	Yes / <del>No</del>	Yes / <del>No</del>
Notes	<i>Left brake engaging first, adjusted post flight, both brakes engaging together</i>	<i>Good flight no issues</i>
Flight Test witness Signature	<i>Fred Bloggs</i>	<i>Brian Walden</i>
Flight Test witness name (Print)	<i>Fred Bloggs</i>	<i>Brian Walden</i>

At the completion of the flight test programme			
Model Aircraft LMA Reg. No.	<i>1895</i>	Flight Test Permit Number	LMA---FTP--- <i>1895</i> --- <i>17032153</i>
Number of Successful Flights	<i>8</i>	Total Flight Time	<i>1 hour 3 minutes</i>
Additional notes or observations from flight tests including C of G changes and any change to MTOM	<i>Aircraft flies well, no changes to Cof G or MTOM</i>		
Takeoff & Landing Performance	Runway type required (delete as necessary) : Tarmac / Short Grass / <del>Long Grass</del> / <del>Water</del> The runway and clear distance required for take off and initial climb (m): <i>160m</i> The clear distance and runway required to land and come to a stop (m): <i>160m</i>		
Controllability and Stability	Is the aircraft controllable and manoeuvrable, within the demonstrated flight envelope?  1) At all loading conditions up to MTOM 2) During all phases of flight, including ground phases and configuration changes 3) Free from any unrecoverable divergent stability characteristic in all phases of flight, including ground phases  Yes / <del>No</del>		
Aeroelasticity	Is the aircraft free from any indications of flutter or control reversal? Yes / <del>No</del>		
Operational limitations following flight test	<del>Non Aerobatic / Scale Aerobatic</del> / Fully Aerobatic (delete as applicable) Additional Limitations: <i>None</i>		
Statement	The aircraft has completed the flight test programme and- 1) The aircraft and remote pilot have successfully completed the required minimum number of flights and minimum flight time as required on the flight test permit 2) The aircraft meets the minimum requirements of the LMA over 25kg scheme and all parts of the test programme have been successfully completed 3) The remote pilot is sufficiently competent to fly the aircraft		
Flight Test witness Signature	<i>Fred Bloggs</i>	Date	<i>20 Jan 2023</i>
Flight Test witness name (Print)	<i>Fred Bloggs</i>		

## Notes-

- 1) All flights during the flight test period must be recorded on this log, whether they are successful or not.
- 2) The witness of the final flight should also complete and sign page 5. If more than one flight test witness has been involved in the flight test programme, the witness of the final flight should base their assessment on the records of the previous flights they did not witness.