

## **Supplemental Type Certificate**

Number: SVA 590

This certificate, issued to:

BAE Systems Australia Pty Ltd

Taranaki Road, Edinburgh Parks

Edinburah SA, 5111 Australia

certifies that the change in the type design for the following product when installed in accordance with the limitations and conditions specified, meets the airworthiness requirements as specified herein.

Original Product:

Type Acceptance Certificate Number:

Referenced TC Number:

FAA A10CE

Make:

Learjet 35A

Models: Serial No:

35-192 and 35-324

Description of Type Design Change: Installation of BAE Systems Future Advanced Threat Simulator (FATS) under-wing Pod in accordance with Auto Avia Design Master Records Index 217/140/MRI Rev A, dated 9 July 2020 or later approved revision.

Limitations and Conditions: Approval of this change in type design applies only to the aircraft serial numbers listed above. This modification shall not be incorporated where other modifications have been incorporated, unless it is determined by the installer that the interrelationship between this modification and any of those previously approved modifications will produce no adverse effect upon the airworthiness of that aircraft. All operations with the BAE systems FATS pod installed are to be Restricted Category Operations.

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and its Continuation Sheet, shall remain in effect until suspended, cancelled or a termination date is otherwise established by the Civil Aviation Safety Authority.

For any additional limitations and conditions, refer to Supplemental Type Certificate Continuation Sheet SVA

Date of Application:

4 August 2017

Date of Initial Issue:

9 July 2020

This certificate issued pursuant to Part 21.113A of the Civil Aviation Safety Regulations 1998

Richard Stocker

Delegate of the Authority

# Supplemental Type Certificate (Continuation Sheet)

Number: SVA 590

Date of Issue:

9 July 2020

### 1. Applicability

This data sheet is applicable to Learjet models 35A aircraft serial numbers 35-192 and 35-324 only.

#### 2. Certification Basis

The applicable certification basis for the modification is as per original certification basis as specified in FAA TCDS A10CE modified as follows:

Title 14 of the Code of Federal Regulations, CFR Part 25 para 25.571(d) at Amdt. 25-10; 25.581 at Amdt. 25-23; 25.1309 and 25.1353 at Amdt. 25-123, and

Issue Paper 217/140/IP1 - AMOC to FAR 25.103(b), 25.201 and 25.203

Issue Paper 217/140/IP2 - Deletion of inappropriate requirement FAR 25.205

Issue Paper 217/140/IP3 - AMOC to FAR 25.1505(a)(b)(c)

Issue Paper 217/140/IP4 - AMOC to FAR 25.331, 25.333, 25.349, 25.351, FAR 25.367

Issue Paper 217/140/IP5 - AMOC to FAR 25.473

Issue Paper 217/140/IP6 - Special Condition for Lithium-ion batteries

Issue Paper 217/140/IP7 - ELOS finding FAR 25.629(2)(i)

#### 3. Operating Categories

With this STC installed, the aircraft is to operate in the Restricted Category only.

#### 4. Restricted Category – Operating Limitations

Maximum Operating Speed V<sub>MO</sub> - 320 KIAS

 $M_{MO} - 0.75M$ 

Refer to Flight Manual Supplement, 217/140/FMS for all other limitations.

#### **Documents**

Approved data:

- a) Master Records Index, 217/140/MRI Rev A, dated 9 July 2020 or later approved revision.
- b) Flight Manual Supplement, 217/140/FMS Rev IR, dated 9 July 2020 or later approved revision.
- c) FATS Instructions for Continued Airworthiness, 100931DT00359 Rev A, dated 6 May 2020 or later approved revision.

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