



Australian Government

Civil Aviation Safety Authority

## Supplemental Type Certificate

Number: SVA589 Revision 1

**This certificate issued to:** TurboJet Engineering Pty Ltd  
Level 3, 369 Royal Parade  
Parkville, Victoria 3052

**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.**

<b>Original Product:</b>	Type Acceptance Certificate Number:	A180
	Referenced TC Number:	FAA T00008WI
	Make:	Model 45 (Learjet 40)
		Model 45 (Learjet 45)

**Description of Type Design Change:**

Add Honeywell Synthetic Vision Capability to the DU-875 Display Units, Primus Elite Advanced Features (PEAF) in accordance with Duncan Aviation, Inc. STC Master Document List, Doc. CERTDOC-013152, Rev. A, dated November 18, 2021, and Duncan Aviation, Inc. Airplane Flight Manual Supplement, Doc. CERTDOC-013197, Rev. A, dated November 18, 2021 or later approved revisions.

**Limitations and Conditions:** 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

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 SVA589.

Date of application: 02 March 2022

Date of issuance: 07 March 2022

Date of amendment 07 October 2022

**This certificate is issued pursuant to Regulation 21.113A of the Civil Aviation Safety Regulations.**

  
Klaus Schwerdtfeger  
**Delegate of the Authority**

This certificate may be transferred in accordance with CASR (1998) 21.120

*safe skies for all*

*Supplemental Type Certificate  
(Continuation Sheet)*

**Number: SVA589 Revision 1**

**Date of Issue:** 07 October 2022

**Previous Approval:**

FAA STC ST01976WI was transferred to STC SVA589.

FAA STC ST01976WI was previously held by:

Duncan Aviation, Inc  
3701 Aviation Road  
Lincoln, NE 68524

**1. Limitations and Conditions (continued)**

This STC is applicable to Learjet 45 (Learjet 45) and Model 45 (Learjet 40) airplanes. Pre-requisites to this installation include the following:

- Equipped with Honeywell DU-875 cockpit displays in accordance with EASA STC 10059913 or FAA Import STC ST03873NY.
- Integrated Avionics Computers (IC-600s) equipped with Honeywell Phase VI software.
- Single or dual Universal UNS-1Ew Flight Management System with ADS-B position source supplied to the No.1 and No.2 Integrated Communications Unit via ARINC 743A compliant data bus.

After modification per this STC, the operator must include the maintenance information in Instructions for Continued Airworthiness, Duncan Aviation, Inc. Doc. CERTDOC-013198, Rev. B dated November 18, 2021, or later approved revisions into the operator's aircraft maintenance manual and the operator's aircraft schedule maintenance program.

**2. Certification Basis**

The certification basis for the modification is 14 CFR Part 25 requirements as defined in TCDS T00008WI, Revision 31, for the Learjet Model 45 (Learjet 45) and Model 45 (Learjet 40).

In addition, the applicant has voluntarily complied with the following 14 CFR Part 25 regulations, effective February 1, 1965, as amended by the amendments stated:

FAR 25.1316(a)(b) [Amdt. 25-134], in lieu of Special Condition 25-ANM-88.

FAR 25.1317(b)(c) [Amdt. 25-122], in lieu of Special Condition 25-ANM-88.

- End -

*WEC*  
*7 October 2022*