
TYPE-CERTIFICATE DATA SHEET

UK.TC.E.00013

for

FJ44/FJ33 Series Engines

**Type Certificate Holder
Williams International Co.**

**2000 Centerpoint Parkway
Pontiac
Michigan 48341
USA**

Model(s):

FJ44-1A
FJ44-1AP
FJ44-2A
FJ44-2C
FJ44-3A
FJ44-3A-24
FJ44-3AP
FJ44-4A
FJ44-4A-32
FJ44-4A-QPM
FJ33-5A

Issue: 1

Date of issue: 06 August 2021

EXPLANATORY NOTE

This Type-Certificate Data Sheet (TCDS) is the concise definition of the type-certificated product accepted and or approved by the CAA in the UK for the affected types and models.

This TCDS includes:

1. Details of the type design that affect the TCDS that have been approved or accepted by the CAA in the UK since 01 January 2021.
2. Attachment 1 is a copy of the EASA TCDS No. EASA.IM.E.016 issue 12 dated 23 December 2020 which was the EASA version at 31 December 2020 and therefore the version of the TCDS for the FJ44/FJ33 Series Engines accepted by the UK in accordance with Article 15 of Annex 30 of the UK-EU Trade and Cooperation Agreement.
3. Where there has been no change to Attachment 1, this will be stated in this TCDS as 'no change'.

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I. General

1. Type / Models

No change

2. Type Certificate Holder

No change

3. Manufacturer

No change

4. Date of Application

FJ33-5A 79400-206	
29 June 2021	

5. Validation Reference Date

No change

6. CAA Type Certification Date

FJ33-5A 79400-206	
06 August 2021	

II. Certification Basis

1. FAA Certification Basis Details:

No change

2. UK CAA Certification Basis

2.1. Airworthiness Standards

No change

2.2. Special Conditions (SC)

No change

2.3. Equivalent Safety Findings (ESF)

No change

2.4. Deviations

No change

2.5. Environmental Protection

No change

III. Technical Characteristics

1. Type Design Definition

FJ33-5A Parts List 79400-206 added

2. Description

No change

3. Equipment

No change

4. Dimensions

No change

5. Dry Weight

No change

6. Ratings

No change

7. Control System

No change

8. Fluids (Fuel, Oil, Coolant, Additives)

No change

9. Aircraft Accessory Drives

No change

10. Maximum Permissible Air Bleed Extraction

No change.

IV. Operating Limitations

1. Temperature Limits

No change

1.1 Oil Temperature

No change

1.2 Fuel Inlet Temperature

No change

2. Maximum Permissible Rotor Speeds

2.1 Low Pressure Rotor N1 - (rpm %)

No change

2.2 High Pressure Rotor N2 – (rpm%)

No change

2.3 Reference (100%) Shaft Speeds

No change

3. Pressure Limits

3.1 Fuel Pressure

No change

3.2 Oil Pressure

No change

4. Installation Assumptions

No change

5. Time Limited Dispatch

No change

V. Operating and Service Instructions

Model	Engine Assembly Part Number	Maintenance Manual	Engine Manual	Installation Instructions	Operating Instructions
FJ33-5A	79400-206	111343-201	111345	112471	112471

VI. Notes

Note 1: No change.

Note 2: No change.

Note 3: No change.

Note 4: No change.

Note 5: No change.

Note 6: No change.

Note 7: No change.

Note 8: No change.

Note 9: No change.

Note 10: No change

Note 11: No change

VII. ADMINISTRATIVE

I. Acronyms and Abbreviations

Acronym / Abbreviation	Definition
CAA	Civil Aviation Authority
EASA	European Union Aviation Safety Agency
OSD	Operational Suitability Data
TC	Type Certificate
TCDS	Type Certificate Data Sheet
TCH	Type Certificate Holder

II. Type Certificate Holder Record

TCH Record	Period
Type Certificate Holder Williams International Co. 2000 Centerpoint Parkway Pontiac Michigan 48341 USA	Present. No changes.

III. Change Record

Issue	Date	Changes
Issue 01	06 August 2021	Initial Issue. Addition of FJ33-5A Engine Assembly Part Number 79400-206 (CAA Major Change Approval UK.MAJ.00051)

Attachment 1



EASA-TCDS-IM E 016
TCDS issue 12.pdf

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