

STC – DATA v3.1
Type of Aircraft: Jetstream 4101
SACAA STC: AO 127834
Australian STC: SVA 548
FAA Aircraft TCDS: A41NM
FAA / EASA Prop TCDS: P22BO / P.104
Applicable Aircrafts JETSTREAM MODEL 4101
Engines Honeywell TPE331-14GR-() / -14HR-()
 (1500 SHP and 1650 SHP engine)



BAE System Jetstream 41 with 5-blade MTV-27

STC Kit Contents Quiet Fan Jet Propeller (QFJ) Series

5-Blade Full Feathering Constant Speed Reversible Propellers	L: MTV-27-1-N-C-F-R(G)-J/CFRL285-82 R: MTV-27-1-N-C-F-R(G)-J/CFR285-82 P-1152-()
Full Composite Spinner (AFRP)	Doc. No. E-2055
Airplane Flight Manual Supplement	Doc. No. E-2056
Airplane Maintenance Manual Supplement	Doc. No. E-2057
Instruction For Continued Airworthiness	Doc. No. E-2058
Manufacturers Operating Manual (MOM) Supplement Vol. 1	Doc. No. E-2059
Manufacturers Operating Manual (MOM) Supplement Vol. 4	Doc. No. E-2060
Weight and Balance Manual (WBM) Supplement	Doc. No. E-2061
Maintenance Review Board Report (MRBR) Supplement	ATA 61-09-22 (E-1922)
General Operation and Installation Manual	

Propeller Specifications

Propeller Hub - Milled single-piece aluminum hub	MTV-27-1-N-C-F-R(G)-J
Blade	CFR285-82, CFRL285-82
Blade Design	Scimitar, light-weight natural composite
Propeller De-Ice	Electro-thermal de-ice boots
Weight of one installed propeller	218.3 lbs (propeller with de-ice)
Maximum / Minimum Diameter	112.2 in. / 112.2 in.
TBO	According to SB 1 () latest issue

Replaces: 5-blade McCauley propellers

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy leading edge for superior erosion protection of the blades
- No propeller speed restrictions on ground
- Unlimited blade life and FOD repairable blades
- More ground clearance => less FODs
- Significant noise and vibration reduction
- No Airworthiness Directives (AD)