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STC Information Sheet

FAA STC: ST03269AT

Master Drawing List: 2-37239-001

Aircraft: British Aerospace (Operations Limited) Jetstream 3101/3201 Series

Configuration: 1

Honeywell CAS 67A TCAS II and Dual MST-67A Mode S Transponder Installation

Mod. Order: 2-37239-803

AFMS: 2-37239-903

Master Kit List: 2-37239-804

ICA: 2-37239-908

Summary:

The Honeywell CAS 67A Traffic Alert and Collision Avoidance System (TCAS) II and dual MST-67A Mode S Transponder system consist of a TCAS II Processor and two Mode S Transponders installed in the avionics shelf, two Traffic Alert/Vertical Speed Indicators (TA/VSI) installed in place of the existing VSIs, an ATC/TCAS Control Panel installed in the pedestal in place of the existing Air Traffic Control (ATC) Control Panel, a TCAS Directional Antenna installed in the upper fuselage, a TCAS Omni-directional (L-Band) Antenna and two Mode S (L-Band) Antennas (1 new, 1 existing) installed in the lower fuselage.

The existing TCAS I and ATCRBS systems are removed as part of this installation.

Notes:

* or equivalent TSO approved (MOPS 7.0)

** or equivalent TSO approved

*** non-ELS compliant

Material List

QTY	Part Number	Description	Source/MFGR
1	066-01146-1211*	TCAS Processor TPU-67A	Honeywell
2	066-01171-2804**	IVA-81D Indicator	Honeywell
2	066-1143-2101**	MST-67A Mode S Transponder	Honeywell
1	071-01619-0121 or -0122	ATC/TCAS II Control Panel (PS 550)	Honeywell
	071-01618-0121 or -0122	ATC/TCAS II Control Panel (PS 578A)	Honeywell
	071-01507-3502***	ATC/TCAS II Control Panel (KS 578A)	Honeywell
1	071-01548-0200 or S72-1735-3**	Antenna, TCAS Directional	Honeywell
1	DMNI 50-2-2** or S65-5366-7L**	Antenna, L-Band	Sensor Systems
1	J3132-TCAS-900	Kit, CAS 67A TCAS II	Dorne & Margolin
			Sensor Systems
			B/E Aerospace