

FLIGHT MANUAL SUPPLEMENT

Bell 206

Aircraft Registration: _____

Aircraft Serial No: _____

Equipped with:

Technisonic TDFM-9000 Series Multiband Transceiver

Installed in accordance with: STC SH13-39

Sections 0 to 4 inclusive of this document comprises the approved Flight Manual Supplement. Compliance with Section 1, "Limitations", is mandatory.

The information and data contained in this document supersedes or supplements that contained in the basic Approved Flight Manuals for the Bell 206 only in the areas listed herein. For Limitations, Procedures and Performance data not contained in this supplement, refer to the Approved Flight Manual or other applicable Approved Flight Manual Supplements.

This Supplement must be attached to the Approved Flight Manual for the aircraft with the subject design change incorporated.



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LOG OF AMENDMENTS

Revision	Date Inserted	Signature	Affected Pages
N/C	October 17, 2014	Robert Gow	All
A	November 10, 2014		All. Header model updated. Limitation updated to add "series".

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NOV 18 2014

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SECTION 0 GENERAL

SYSTEM DESCRIPTION

TDFM-9000 Series transceivers are a multi-band airborne analog and digital P25 9600 FM transceivers. They operate in the VHF, UHF-LO, UHF-HI and 700-800 MHz frequency bands. They are typically used as tactical or mission radios and are not meant to replace the aircraft communication radios.

The TDFM-9000 Series transceivers have a colour TFT display with data entry and function control accomplished using the 24-button keypad.

An optional RC-9000 remote controller may be installed to provide transceiver functions to mission crew installed in the aft cabin.. The display / control panel is the same as the TDFM-9000 series transceivers.

An optional antenna tuner may be installed if an FLX antenna (30-50 MHz) is installed.

POWER

The TDFM-9000 Series transceivers are protected by the following circuit breakers:

CB LABEL	AMPS	LOCATION	BUS
FM RADIO	10 A	OVERHEAD CONSOLE	28VDC AVIONICS BUS
FM CONTROL (optional)	2.5 A	ELECTRICAL MASTER BOX UNIT	28VDC AVIONICS BUS
FLX ANTENNA TUNER (optional)	1.5A	OVERHEAD CONSOLE	28VDC AVIONICS BUS

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SECTION 1 LIMITATIONS

For FAA Approvals:

For an aircraft equipped with an autopilot, the TDFM-9000 series transceiver shall not be turned on with the autopilot engaged with the following exception:

Operation is permitted if the aircraft is equipped with the HeliSAS stability augmentation system and autopilot in accordance with FAA STC SR02346LA.

SECTION 2 NORMAL PROCEDURES

No change.

SECTION 3 EMERGENCY AND MALFUNCTION PROCEDURES

No change.

SECTION 4 PERFORMANCE

No change.

SECTION 5 WEIGHT AND BALANCE DATA

The following is weight and balance data for the TDFM-9000 Series transceivers. Components weighing less than one pound are not included.

UNIT	WEIGHT (kg)	ARM (mm)	MOMENT kg*mm/100
TDFM TRANSCEIVER	3.18	812.8	25.85



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