

SUBJECT:

**FLIGHT MANUAL SUPPLEMENT FOR SINGLE OR DUAL VHF-FM
RADIO INSTALLATION (P/Ns H430I0307001 AND H430I0307002)**

APPLICABILITY:

Aircraft with the subject modification embodied in accordance with
TCCA STC No. SH24-30 or any relevant foreign approvals.

Department of Transport
(Canada) Approved



IMPORTANT NOTE

THE INFORMATION AND DATA CONTAINED IN THIS DOCUMENT SUPERSEDE OR SUPPLEMENT THAT CONTAINED IN THE BASIC APPROVED FLIGHT MANUAL FOR THE AS 350 B3 HELICOPTER IN THOSE AREAS LISTED HEREIN. FOR LIMITATIONS, PROCEDURES AND PERFORMANCE NOT CONTAINED IN THIS DOCUMENT REFER TO THE APPROVED FLIGHT MANUAL AND OTHER APPLICABLE APPROVED FLIGHT MANUAL SUPPLEMENTS.

SECTIONS 2, 3, 4 AND 5 OF THIS DOCUMENT COMPRISE THE APPROVED FLIGHT MANUAL SUPPLEMENT. COMPLIANCE WITH SECTION 2, LIMITATIONS, IS MANDATORY.

SECTIONS 1 AND 6 ARE UNAPPROVED AND ARE PROVIDED FOR INFORMATION ONLY.

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1 GENERAL (unapproved)

A. The Single or Dual VHF-FM Radio Installation provides a means of secondary radio communication. This installation offers single FM 1 or dual FM 1/FM 2 VHF-FM Radio(s). Depending on the configuration, single or dual transceivers are positioned in the instrument panel or center console. Refer to Figure 1.

The VHF-FM Radio circuit breakers are located in the 30 alpha Circuit Breaker Box located on the RH side of the Instrument Panel Pedestal. Refer to Figure 1. Antenna for FM 1 radio is installed on the tail boom. Antenna for FM 2 radio is located on the belly panel.

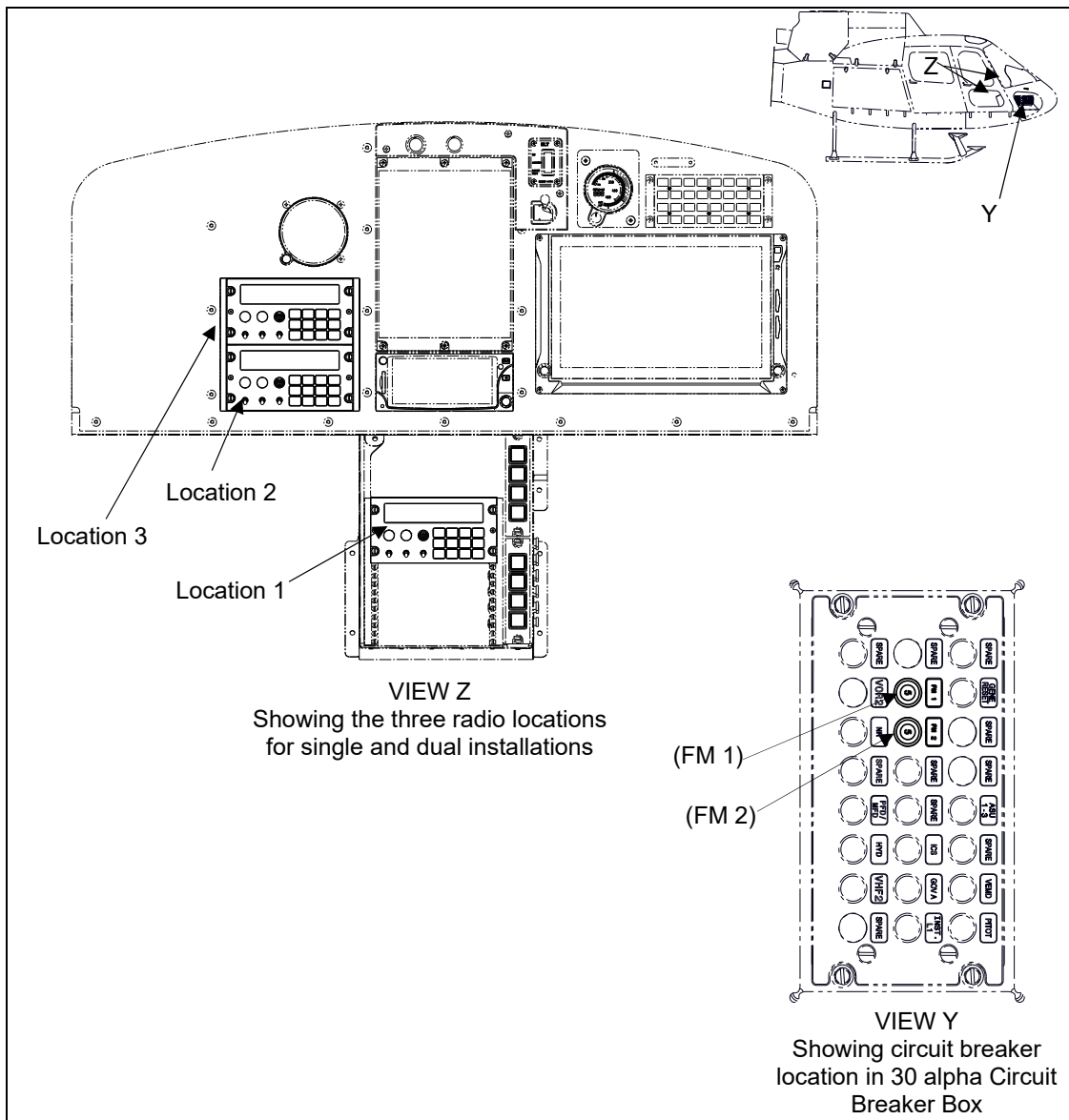


Figure 1 General Layout, FM System

1. **GENERAL (unapproved)** (continued)

Abbreviations and Definitions

ABBREVIATION	DEFINITION
Acc'd	Accepted
ACU	Audio Control Unit
AHCA	Airbus Helicopters Canada Limited
App'd	Approved
ATC	Air Traffic Control
A/W	Airworthiness
CAR	Canadian Aviation Regulations
CDI	Course Deviation Indicator
DAPM	Design Approval Procedure Manual
FM	Frequency Modulation
GS	Glideslope
ILS	Instrument Landing System
LOC	Localizer
P/N	Part Number
Rev.	Revision
RH	Right Hand
STC	Supplemental Type Certificate
TCCA	Transport Canada Civil Aviation
VHF	Very High Frequency
VOR	VHF Omni-Directional Range

2 LIMITATIONS

Onboard radio transmission outside the normal ATC frequency band may create some interference with radio navigation/communications systems (VOR, LOC, GS etc.) most prominently exhibited by an unexpected sudden movement of CDI/GS indications.

Therefore, use of VHF-FM radio(s) is prohibited during ILS/LOC/VOR approach.

3 EMERGENCY PROCEDURES

No change to basic Flight Manual data.

4 NORMAL PROCEDURES

- | | |
|---------------------------|--|
| FM 1/FM 2 VHF-FM
Radio | - Check ON as required |
| FM 1/FM 2 VHF-FM
Radio | - Operate according to Technical
Manual |
| ACU | - Select radio and volume as
required |

5 PERFORMANCE DATA

No change to basic Flight Manual data.

6 WEIGHT AND BALANCE (unapproved)

Total changes to weight and balance resulting from this modification are covered in the applicable Instructions for Continued Airworthiness.

Items that are removed between routine operations: Not applicable.