

TELEX

TELEX COMMUNICATIONS, INC.
9600 Aldrich Ave. So., Minneapolis, MN 55420 U.S.A.



AIRCRAFT FLIGHT MANUAL SUPPLEMENT WITH PROCOM 4 INTERCOM

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A/C REGISTRATION NUMBER: _____

A/C SERIAL NUMBER: _____

This supplement must be attached to the approved Aircraft Flight Manual when the ProCom 4 (PC 4) Intercom is installed in accordance with M.O.T./FAA requirements. The information contained herein supplements or supercedes the basic manual only in those areas listed herein. For limitations, procedures and performance information not contained in this supplement, consult the basic aircraft flight manual.

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**AIRCRAFT FLIGHT MANUAL
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PROCOM 4 INTERCOM**

TABLE OF CONTENTS

	Title	Page
SECTION I	LIMITATIONS	3
SECTION II	OPERATION	3
SECTION III	EMERGENCY PROCEDURES	6
SECTION IV	PERFORMANCE.....	6
SECTION V	INSTALLATION NOTES.....	6

SECTION I LIMITATIONS

- A. The PC 4 Intercom imposes no limitations on the original airframe.

SECTION II OPERATION

A. GENERAL

- 1.1 The Telex ProCom 4 (PC 4) provides a convenient central control for management of aircraft audio. It provides noise-free, voice-activated cabin communications for a pilot, copilot and up to three passengers. It provides a transparent interface to the aircraft radio(s). It has provisions for connection of entertainment audio and a tape recorder to record all pilot/ATC communications.
- 1.2 Front panel user controls include: a power off/on switch (in the off position, the pilot's headset is connected directly through to the aircraft radio for fail-safe operation), a three-position operating mode selector switch, separate headphone volume controls for pilot and copilot, a master headphone volume control for passengers, and a master squelch (voice activation) level control.
- 1.3 Additional controls include squelch trimmers for pilot, copilot and passengers, a music input level trimmer, and a headphone equalization trimmer (to equalize radio and intercom volume levels in headphones). The squelch trimmers are adjustable through access holes in the intercom faceplate. The music input level trimmer and headphone equalization trimmer are adjustable through access holes on the side of the intercom.
- 1.4 The intercom has provisions for optional modification to create artificial sidetone if this is not generated by the aircraft radio. In addition, the intercom is designed to mute the entertainment audio by approximately 12 dB during radio reception and transmission, and/or during cabin communication (depending on the operating mode). The intercom may be optionally modified to provide 100% muting of entertainment.

Mode Switch Operation

MODE SWITCH POSITION	TALK ON INTERCOM	AIRCRAFT RADIO		MUSIC/AUX SOURCE
		LISTEN	TRANSMIT	
Radio (Pilot Isolate)	Copilot Passengers	Pilot	Pilot	Copilot Passengers See Note 1
All	Pilot Copilot Passengers	Pilot Copilot Passengers	Pilot Copilot	Pilot Copilot Passengers See Note 2
Crew	Pilot & Copilot on one channel Passengers on a separate channel	Pilot Copilot	Pilot Copilot	Passengers Only See Note 1
NOTES: 1. Music is muted by talk. 2. Music is muted by aircraft radio audio or talk.				

B. TRANSMIT FUNCTION

Transmit function is available to the pilot in all modes of operation by keying the pilot PTT switch. Transmit function is available to the copilot (when the mode selector switch is in either the ALL or CREW positions) by keying the copilot PTT switch. The pilot has transmit priority over the copilot. Transmitter keying is indicated by an amber LED on the front panel of the intercom. In the ALL mode, the entertainment audio is muted during transmission.

C. RECEIVE FUNCTION

Radio reception is available to the pilot in all modes of operation. It is available to the copilot in the ALL and CREW modes. It is available to passengers in the ALL mode. In the ALL mode, the entertainment audio is muted during reception.

D. CABIN COMMUNICATION

In RADIO mode, the pilot is isolated from all cabin communication and entertainment audio. The copilot and passengers may talk on the intercom and listen to the entertainment. The entertainment is muted during talk. In ALL mode, all personnel may talk on the intercom, with muting of the entertainment during talk. In CREW mode, the pilot and copilot talk on a private channel without entertainment audio. Passengers talk on a separate channel with entertainment audio. Entertainment audio is muted during talk.

E. TAPE RECORDER OPERATION

If a tape recorder is connected as described in the intercom installation guide, it will record all audio heard at the pilot's headphones.

F. EMERGENCY OPERATION

If power is lost to the PC 4 Intercom, rotating the off/on switch to the off position (fully counterclockwise) will cause the pilot headset to be connected directly through to the aircraft radio.

SECTION III EMERGENCY PROCEDURES

A. The PC 4 Intercom does not affect the emergency procedures of the aircraft.

SECTION IV PERFORMANCE

A. The PC 4 Intercom does not affect the performance of the aircraft.

SECTION V INSTALLATION NOTES

A. This section is to be completed by the installing agency to note any special connections or procedures or to list any special options installed with the PC 4 Intercom:

B. Special options or connections:

C. Emergency Jack locations:
