

SECTION 9

Pilot's Operating Handbook Supplement AS-17

GARMIN GTR 225 / 225A / 225B (COM)



This supplement is applicable and must be inserted into Section 9 of the POH when the Garmin GTR 225, 225A or 225B COM is installed in the AQUILA AT01-100. The information in this supplement adds to or replaces information in the basic POH.

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0.1 RECORD OF REVISIONS

Issue	Reason for Change	Effectuated Pages	Date of Issue
A.01	Initial Issue	All	15.10.2013
A.02	also valid for AT01-200	All	02.03.2020

0.2 LIST OF CURRENT PAGES

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0.3 TABLE OF CONTENTS

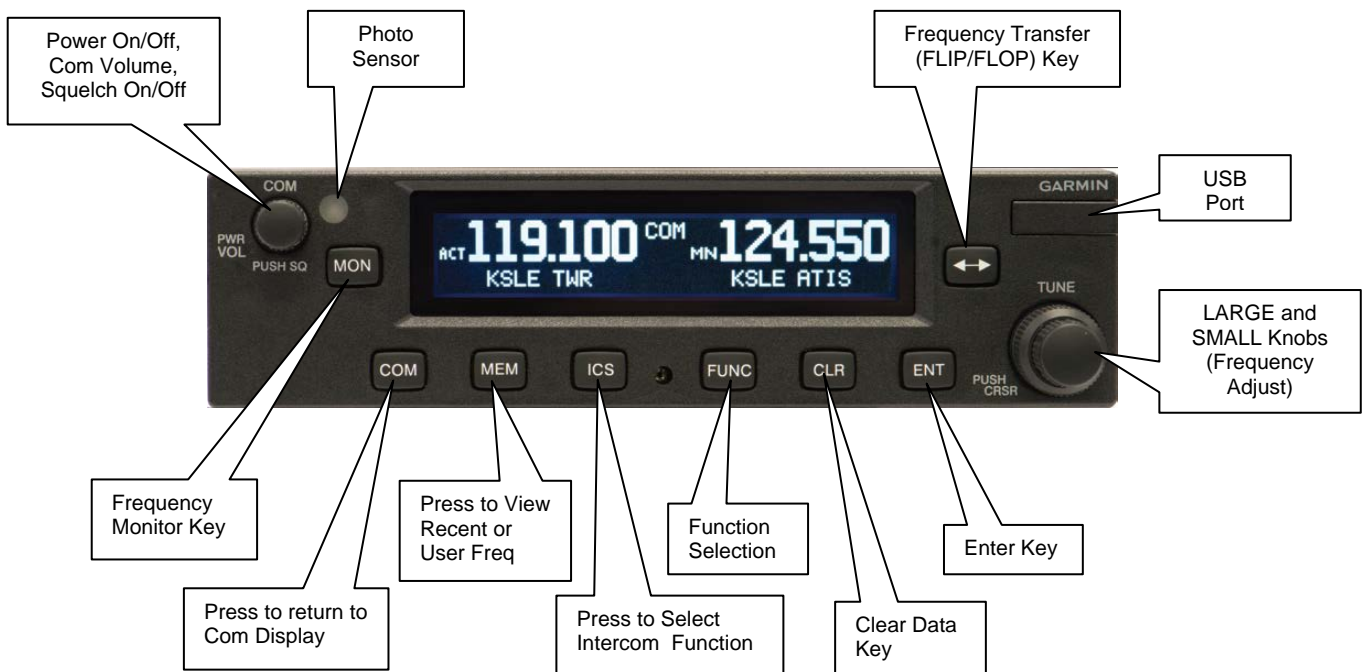
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1. GENERAL

The GTR 225 / 225A / 225B has the ability to monitor the standby COM frequencies. The GTR 225 (10 Watt) Com radio operates in the aviation voice band, from 118.000 to 136.975 MHz, in 25 kHz steps. For European operations, the additional COM radio configuration of 8.33 kHz steps is provided with the GTR 225A (10 Watt) and GTR 225B (16 Watt).

GTR 225 / 225A / 225B Front Panel:



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2. LIMITATIONS

The information contained in this supplement must be used in conjunction with the basic POH.

Pilot's Guide

The Garmin GTR 225 / 225A / 225B Pilot's Guide, p/n 190-01182-00, Rev. A (or later revisions), *must* be immediately available to the flight crew.

WARNING

For safety reasons, GNC 225 / 225A / 225B operational procedures must be learned on the ground.

NOTE

The Garmin GTR 225 / 225A / 225B must be switched off during engine start-up and shut-down. Non-compliance could destroy the equipment. All warranty and guarantee claims will become void.

NOTE

Do not use outdated database information. Databases used in the system must be updated regularly in order to ensure that the information remains current. Pilots using an outdated database do so entirely at their own risk.

NOTE

*Transmit Duty Cycle: 10W: 100%
16W: Recommended 25% (5 seconds on/15 seconds off,
15 seconds on/45 seconds off, etc.)*

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3. EMERGENCY PROCEDURES

All emergency procedures in the basic POH remain valid and are only supplemented by the following procedures.

LOSS OF COM RADIO TUNING FUNCTIONS

- If alternate COM is available:

Communications

USE ALTERNATE COM

- If no alternate COM is available:

FLIP/FLOP key

PRESS AND HOLD FOR 2 SECONDS

NOTE

This procedure will tune the COM radio to the Emergency frequency 121.5. Certain failures of the tuning system will automatically tune 121.5, regardless of what frequency is displayed on the GTR, without flight crew action.

NOTE

The GTR 225's helps protect you from a situation where the microphone may get stuck in the ON or Transmit position. If the microphone is keyed for longer than 35 seconds, the GTR 255's will return to the receive mode on the selected frequency.

A "Stuck Mic" message will display until the transmit key is released. Alerts will display until the error clears or the user acknowledges it.

4. NORMAL PROCEDURES

Refer to the Pilot's Guide defined in Section 2 of this document for normal operating procedures and a complete list of system messages and associated flight crew actions.

5. PERFORMANCE

No change to the basic POH.

6. WEIGHT AND BALANCE

Changes to Weight and Balance due to Installation/Removal of the GTR 225 / 225A / 225B must be considered in accordance with chapter 6 of the Basic POH.

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7. SYSTEM DESCRIPTION

Pilot's Guide

The Garmin GTR 225 / 225A / 225B Pilot's Guide, defined in Section 2 of this document, contains information regarding GTR system description, control and function. This Pilot's Guide *must* be immediately available to the flight crew.

Power

Power to the GTR 225/225A/225B is provided through a circuit breaker labeled **COM 1** or **COM 2**.

Databases

Instructions for updating the Frequency Database can be found in the Garmin GTR 225 / 225A / 225B Pilot's Guide, defined in Section 2 of this document.

8. HANDLING, SERVICE AND MAINTENANCE

CAUTION

The Garmin GTR 225 / 225A / 225B must be switched off during engine start-up and shut-down. Otherwise it could be seriously damaged or destroyed. All warranty and guarantee claims will become void!

CAUTION

The GTR 225's display uses a lens coated with a special anti-reflective coating that is very sensitive to skin oils, waxes, and abrasive cleaners. CLEANERS CONTAINING AMMONIA WILL HARM THE ANTI-REFLECTIVE COATING. It is very important to clean the lens using a clean, lint-free cloth and an eyeglass lens cleaner that is specified as safe for anti-reflective coatings.

MALFUNCTION OF THE GTR 225 / 225A / 225B:

The Garmin GTR 225 / 225A / 225B does not contain any user-serviceable parts. Repairs should only be made by an authorized Garmin service center. Unauthorized repairs or modifications could void both the warranty and the pilot's authority to operate this device under local authority regulations.

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