

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
For FAA Use Only
Office Identification

INSTRUCTIONS: Print or type all entries. See FAR 43.9, FAR 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 1421). Failure to report can result in a civil penalty not to exceed \$1,000 for each violation (Section 901 of Federal Aviation Act of 1958).

1. Aircraft	Make TAYLORCRAFT	Model BC12-65
	Serial No. 2635	Nationality and Registration Mark N29787
2. Owner	Name (As shown on registration certificate) TIMOTHY J. POPP	Address (As shown on registration certificate) P.O. BOX 4619 PALMER, AK 99645

3. For FAA Use Only

The data incorporated herein complies with the applicable airworthiness requirements and is approved only for the above described aircraft subject to conformity inspection by a person authorized by FAR 43, section 43.7

[Signature] 03-14-2000
Inspector NM-FSDO-07 Date

4. Unit Identification

5. Type

Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	----- (As described in Item 1 above) -----				XXX
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement

A. Agency's Name and Address Timothy J. Popp 5046S. 2350W. ROY, UT 84067	B. Kind of Agency <input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certified Repair Station <input type="checkbox"/> Manufacturer	C. Certificate No. 393705201
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 4 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished is true and current to the best of my knowledge.

Date 10 March 2000	Signature of Authorized Individual <i>Timothy J. Popp</i>
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 4 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada	
Date of Approval or Rejection 3 April 2000		Certificate or Designation No. 918508559	Signature of Authorized Individual <i>[Signature]</i>		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

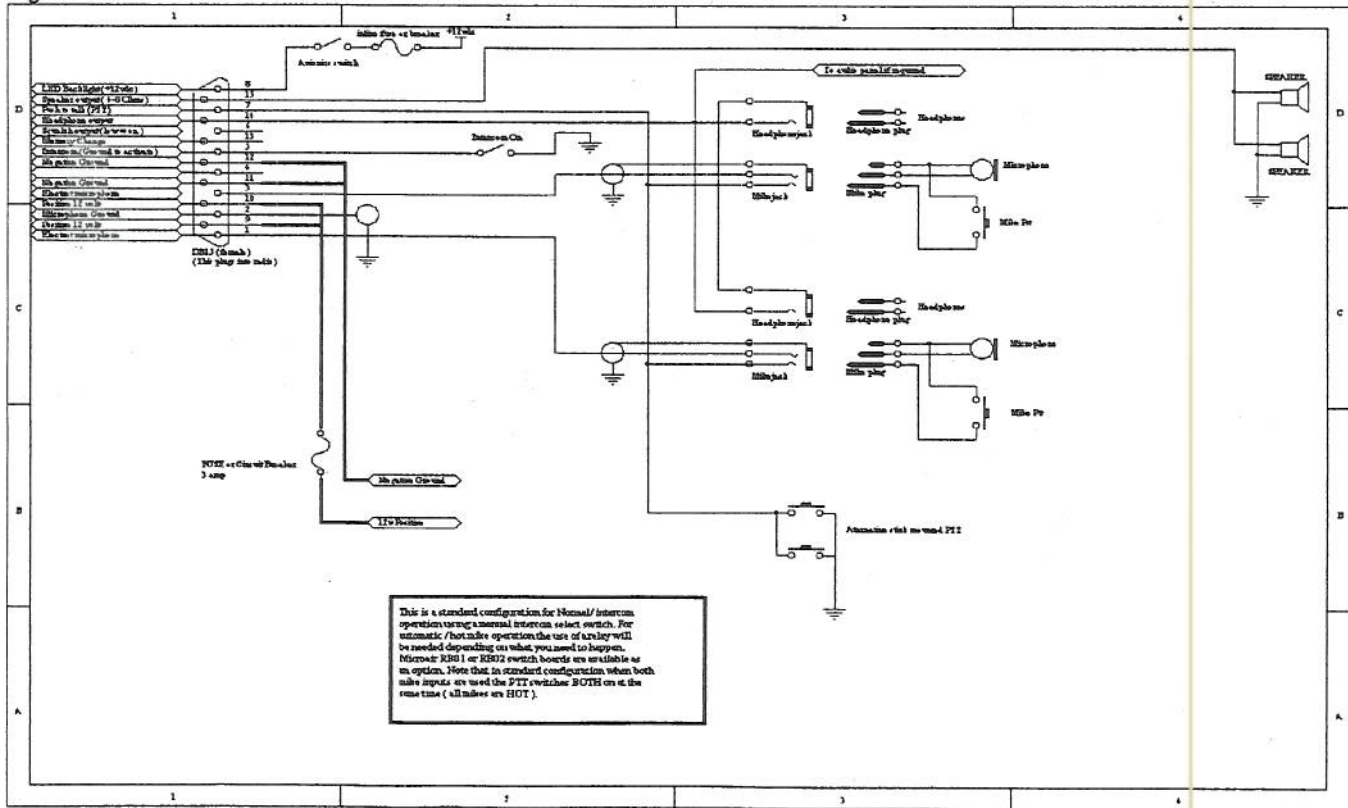
8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

USA, N29787, 10 March 2000

1. Removed left glovebox at F.S.# +5
2. Installed Microair 760 transceiver in aircraft instrument panel where left glove box per manufacturers instructions.
3. Transceiver is mounted to .080" 2024T3 alclad aluminum panel in a 2 ¼ inch instrument hole. Aluminum panel is mounted to instrument panel with, 7 each, TRA8-8 PK screws IAW AC43.13-1b Chapter 7 and AC 43.13-2A sections 1 & 2.
4. Since aircraft has no electrical system, power is supplied by a sealed and disposable, 12 volt, 7 amp hour lead calcium placed on floor where previous TCDS optional battery was installed (Item 310 C of TCDS A-696). This provides over 9 hours of power consumption for the radio installation during normal use. Circuit protection is provided by a standard 3amp acs fuse per manufacturer's instructions. (spare battery and fuses are labeled and kept in baggage compartment)
5. Antenna is attached to aircraft in the center of the upper fuselage at F.S.+46 between the stringers with a 3"x9" section of .032" 2024 T3 alclad aluminum sheet placed between the center two stringers and aircraft fabric IAW, AC 43.13-2A section 3.
6. Radio assembly is wired per figure below with aircraft grade 22 AWG shielded wire, except 18 AWG shielded wire is used as the power wire from the battery, also the external speaker option is not installed. Antenna utilizes RG58 coaxial cable per manufacturer's instructions.

7. Figure 1.



8. Weight/balance and equipment list updated as required, radio operators manual is kept in aircraft to supplement aircraft owners manual.

*****See Attachments*****

Additional Sheets are Attached

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USA, N29787, 10 MARCH 2000

Pilot Handbook is impacted by this Alteration.

This alteration is compatible with all previously approved alterations IAW 43.13-2A, chapter 1, para 10.

Instructions for Continued Airworthiness:

- Section 1. Introduction: Installation of Microair 760 transceiver
- Section 2. Description: See previous page
- Section 3. Control, operation information: See Radio operators manual
- Section 4. Servicing information: Replace batteries as required
- Section 5. Maintenance Instructions: Per AC 43.13-1b and radio operators manual and instructions
- Section 6. Trouble Shooting information: Per radio operators manual and instructions
- Section 7. Removal and replacement information: Per radio operators manual and instructions
- Section 8. Diagrams: See previous page
- Section 9. Special inspection requirements: Per radio operators manual and instructions
- Section 10. Application of protective treatments: N/A
- Section 11. Data: Per Australia and United States Bi-Lateral agreement
- Section 12. List of special tools: Per radio operators manual and instructions
- Section 13. For commuter category aircraft: N/A
- Section 14. Recommended overhaul periods: N/A
- Section 15. Airworthiness Limitations: Per radio operators manual and instructions
- Section 16. Revision: This document can be revised by submitting a revised FAA form 337 and ICA to the local Flight Standards District Office

Applicable reference data: Microair 760 Tranceiver Installation / Operation Instructions

Revision: F1/99

*****END*****

Additional Sheets are Attached