

DUPLICATE # For FAA 535 1472

Form approved
Budget Bureau No. 04-R060.

Verified by Operator #24

FEDERAL AVIATION AGENCY

MAJOR REPAIR AND ALTERATION FORM (AIRFRAME, POWERPLANT, PROPELLER OR APPLIANCE)

| | | | | |
|-------------|---|-----------------------|----------------------------|---|
| 1. AIRCRAFT | MAKE Grumman | MODEL G-21A | SERIAL NO. B-100 | NATIONALITY AND REGISTRATION MARK N 88U |
| 2. OWNER | NAME (First, middle, last) Windjammer Air Taxi, Inc. | | | |
| | ADDRESS (Street and number, city, zone and State) 203 Wilson Bldg. 220 71 St. Miami Beach 41, Florida | | | |

008876

3. COMPLETE ONLY FOR UNIT REPAIRED AND/OR ALTERED. DESCRIBE WORK ACCOMPLISHED ON REVERSE IN ACCORDANCE WITH CIVIL AERONAUTICS MANUAL 18.

| UNIT | MAKE | MODEL | SERIAL NO. | NATURE OF WORK (Check) | |
|---------------|--|-------|------------|--|--|
| | | | | MAJOR REPAIR | MAJOR ALTERATION |
| a. AIRFRAME | ***** (As described in item 1 above) ***** | | | | XX |
| b. POWERPLANT | | | | The repair/alteration identified herein complies with the applicable airworthiness requirements and is approved for the described aircraft, subject to approval by a person authorized in CAR Part 18, Section 18.110. | |
| c. PROPELLER | | | | | |
| d. APPLIANCE | TYPE AND MANUFACTURER | | | 1/3/64 Date | Charles M. Carney Signature of FAA Inspector |

4. AIRCRAFT WEIGHT AND BALANCE DATA
AFTER the repairs and/or alterations described below were made.
This item must be completed by repair or alteration agency. However, in the case of a spare component, it will not be completed until such component is installed in an aircraft. At this time, it will be completed by the installing agency, if applicable.

| CATEGORY | EMPTY WEIGHT (Pounds)* | EMPTY CENTER OF GRAVITY (Inches from datum) | USEFUL LOAD (Pounds)* |
|----------|------------------------|---|-----------------------|
| Normal | 6145 | + 22.1 | 1855 |

5. CONFORMITY STATEMENT (Complete and check)

| | | |
|--|---|-------------------------------|
| a. AGENCY'S NAME AND ADDRESS | b. KIND OF AGENCY | c. CERTIFICATE NO. |
| William N. Kilborn 40 Lilac Lane Dania, Florida - 33004 | <input checked="" type="checkbox"/> U. S. Certificated Mechanic. <input type="checkbox"/> Foreign Certificated Mechanic. <input type="checkbox"/> Certificated Repair Station. <input type="checkbox"/> Manufacturer. <input type="checkbox"/> (Check if repair or alteration was made under delegation option procedures.) | A & P 14-02309 |

d. I certify that the repair and/or alteration made to the unit(s) identified under item 3 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 18 of the U. S. Civil Air Regulations and that the information furnished herein is true and correct to the best of my knowledge.

1/2/64 (Date repair and/or alteration completed) Wm N. Kilborn (Signature of authorized individual)

6. APPROVAL FOR RETURN TO SERVICE (Check and complete appropriate items)
Pursuant to the authority specified below the unit identified in item 3 was inspected in the manner prescribed by the Administrator of the Federal Aviation Agency and is

3 APPROVED } BY { FAA Designee Manufacturer Canadian Department of Transport Inspector of Aircraft
 REJECTED } FAA Flight Standards Inspector Repair Station Other (Specify) **Inspection Authorization**

1/3/64 (Date of approval or rejection) Wm N. Kilborn (Signature of authorized individual; title or identification number) **RECORDED**

7. TO BE COMPLETED ONLY BY FAA PERSONNEL

a. Forwarded for engineering comment See attached memorandum
b. Accepted 1/7/64 (Date) Reinspected _____ (Date) **38** Checked JAN 20 1964 (Date) **RECORDED**

SO GADO 5 (FAA designation number) Charles M. Carney (Signature Flight Standards Inspector) SO GADO 5

MOCRO INSTRUCTIONS

This form must be completed in duplicate each time a major repair and/or alteration is made of an aircraft, airframe, powerplant, propeller or appliance. After the repair and/or alteration has been inspected and item 6 completed, the original copy of this form will be made available to the aircraft owner for retention as part of the aircraft records. The duplicate copy is retained by the FAA for administrative purposes.

See CAM 18 for detailed instructions concerning the information to be furnished with this form and instructions concerning its preparation.

8. DESCRIPTION OF WORK ACCOMPLISHED.*

Removed all existing radio equipment, modified instrument panel, and installed radios as follows:

Two ARC T-11B transmitters installed forward of pilots rudder pedals at arm -46. Transmitter control box mounted under pilot's instrument panel at arm -21. Transmitting antenna is located just ahead of windshield. Model 888 VOR indicator and Kollsman model 1859 course selector installed in panel at arm -27. ARC O22A control unit installed in panel at arm -26. ARC R-13B receiver and B-10A converter installed at arm -62, and E-13B rack installed at arm -61 forward of bulkhead 7 on right side. ARC F-10A filter amplifier installed at arm -61. Existing receiving antenna was used.

Removed all existing seats, replaced floorboards, and installed seats as follows:

Installed 5 seats in cabin at locations shown on attached loading charts. Seats attached to structure same as Grumman original. 3 place lounge (STC SA2-760) installed on right side of cabin to original Grumman seat attach points, location shown on attached loading charts. Seat belts for lounge attached to original Grumman seat attach points with 1/8" aircraft cable and AN 43 eye bolts.

All work done according to the applicable parts of CAM-18.

Weight and balance report and loading charts are attached.

An electrical load analysis was accomplished in accordance with CAM-18.30-12(1). The ammeter reading with all continuous loads on was 15 amps. Adding 10% this comes to 16.5 amps. This is within 80% of the capacity of both generators or one alone since this airplane is equipped with two 50 amp generators.

-----END-----

*If additional space is needed attach additional sheets bearing aircraft nationality and registration mark and date work completed.

Check block if additional sheets are attached.