



US Department
of Transportation
Federal Aviation
Administration

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

Form Approved
OMB No. 2120-0020

For FAA Use Only

Office Identification

WP13 HAR

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 civil penalty not to exceed \$1,000 for each such violation (Section 901 Federal Aviation Act of 1958).

1. Aircraft	Make Republic	Model RC-3 Seabee
	Serial No. 462	Nationality and Registration Mark N6255k
2. Owner	Name (As shown on registration certificate) Robert A. Gould	Address (As shown on registration certificate) 44-365 Kaneohe Bay Drive Kaneohe, HI 96744-2664

The ~~DATA~~ identified herein conforms with all applicable
airworthiness requirements and is approved for the above described
aircraft, subject to conformity inspection by a person authorized in
FAR Part 43, Section 43.7

Edward Valdez Date **3/2/01**
Edward Valdez WP-HNL-SDO

4. Unit Identification				5. Type	
Unit	Make	Model	Serial No.	Repair	Alteration
AIRFRAME	(As described in Item 1 above)				X
POWERPLANT					
PROPELLER					
APPLIANCE	Type				
	Manufacturer				

6. Conformity Statement		
A. Agency's Name and Address	B. Kind of Agency	C. Certificate No.
Denis Balczeniak 322 Aoloa Street #1708 Kailua, HI 96734	<input checked="" type="checkbox"/> U.S. Certified Mechanic	A&P 332400733
	<input type="checkbox"/> Foreign Certified Mechanic	
	<input type="checkbox"/> Certificated Repair Station	
	<input type="checkbox"/> Manufacturer	

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 herein is true and correct to the best of my knowledge.

Date 26 January, 2001	Signature of Authorized Individual <i>[Signature]</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 <input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> REJECTED					
BY	FAA Fit. Standards Inspector	Manufacturer	<input checked="" type="checkbox"/>	Inspection Authorization	Other (Specify)
	FAA Designee	Repair Station		Person Approved by Transport Canada Airworthiness Group	
Date of Approval or Rejection 26 January, 2001		Certificate or Designation No. AI 332400733	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.)

Republic RC-3 Seabee S/N 462 N6255K, Time in service 769.2 January 26, 2001

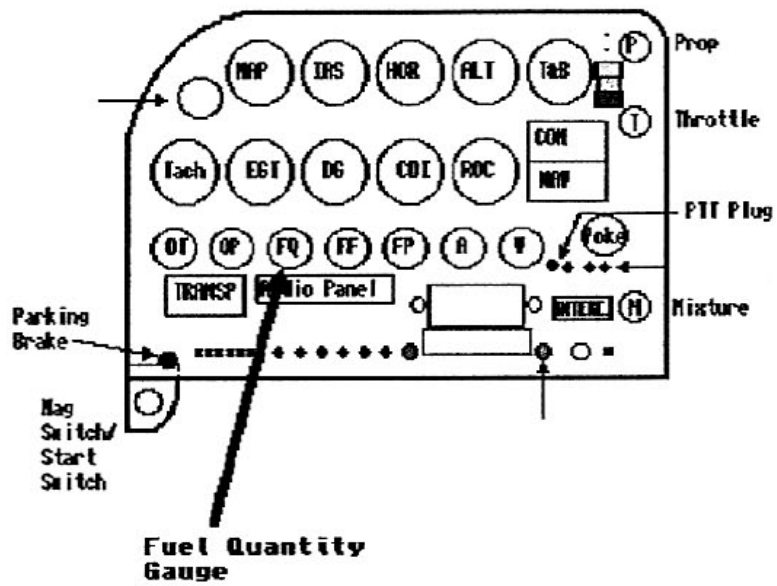
1. Removed original fuel quantity gauge and sender.
2. Provided cut out in instrument panel reference drawing #1 for installation.
3. Installed Westberg Mfg. Inc. fuel level measuring system consisting of 2A7VLL Fuel Level Instrument and 395-5S-1 -5 Capacitance Fuel Level Sender in accordance with manufacturer's Installation instructions and standard practices AC 43.13-2A Chapter 1 1 para 211 - 214,
5. Electrical load analysis per preliminary load analysis, reference Figure 1. Ammeter marked and placarded for maximum load per AC 43.13-1B, Chapter 11, Section 3, para 11-36.
6. Circuit breaker installed in circuit breaker panel and wired in accordance with manufacturer's installation instructions and standard practices AC 43.13-2A Chapter 2 para 27. Reference wiring diagram, drawing #2 for detail. Circuit breaker labeled "Engine Inst."
7. Weight and balance data: no significant change in weight and balance from original Installation. This data to be incorporated into equipment list. Aircraft to be weighed before return to service.
9. Functional checked and calibrated per Westberg Mfg., Inc. instructions form # 177-98P2, dated 2/98.

Instructions for Continued Airworthiness.

1. Interval: Every annual inspection.
2. Scope: Visually inspect installation for any evidence of deterioration or distress. Check operation per Westberg Mfg., Inc. instructions form 177-98P2, dated 2/98.

----- Last Item -----

Drawing 1



Drawing #2

All wires 22AWG

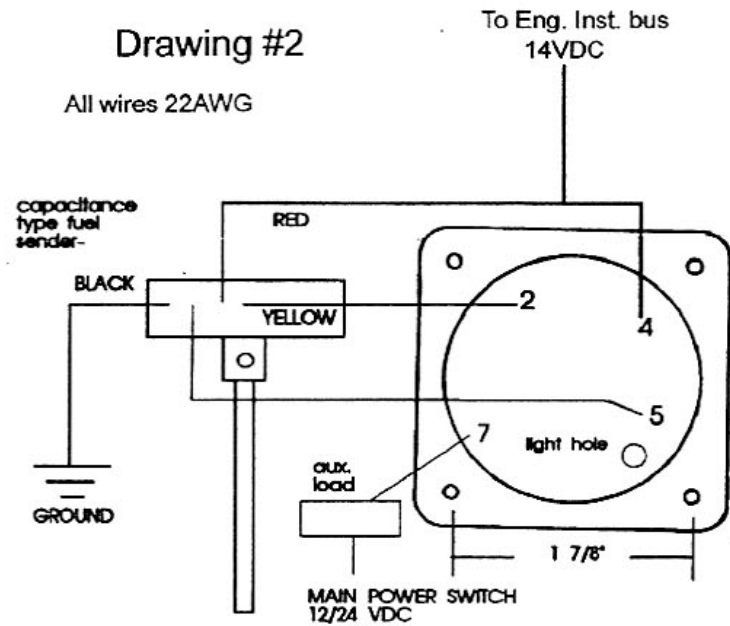


FIGURE 1

Preliminary Load Analysis

Equipment		Amps
Transponder		0.75
Encoder		0.18
Nav		0.32
CDI		0.60
Com (Peak Transmit)		2.50
Audio Panel (Peak)		1.70
Intercom		0.25
EGT Gauge		0.98
Fuel Flow		0.10
Digital Tach		0.20
Gear Warning		0.30
Pulse Light		0.02
Horizon		0.92
DG		0.92
Turn Coordinator		0.50
Instrument Lighting		1.50
Landing Lights (Intermittent) - (in pulse mode)		7.00
Strobe Lights		7.00
Nav Lights		1.83
Fuel Boost Pump (Intermittent)	<	5.00
Entertainment System (Peak)	<	3.00
Engine Instruments		0.20
Bilge Pumps (Intermittent-total worst case all 3)	<	4.83
Interior light (Normally not used in flight)		0.67
Anchor light (Normally not used in flight)		0.61
Total Load, Maximum Possible Intermittent	<	51.88
Normal Total Intermittent Load	<	45.77
Normal Load	<	34.27
Alternator Output, Continuous Rated		50.00
Normal Load as percentage of Alternator output		68.54%
Normal Total Intermittent Load (as percentage of Alternator output)		93.54%
(Inflight, without bilge pumps, interior light, or anchor light)		
Max Intermittent Load as percentage of Alt output		103.76%

Ammeter placarded to indicate max continuous alternator output per AC 43.13-1A
 Section 2 para 426. Placard to read:
MONITOR LOAD - DO NOT EXCEED 50 AMPS

Westberg Manufacturing Inc.
3400 Westach Way Sonoma CA 95476
Phone (707) 938-2121/ Fax (707) 938-4968
2/20/01

Mr. Herman Rios
FAA
Honolulu HI

Dear Mr. Rios:

Enclosed in this fax are documents we supplied to our customer, Mr. Robert Gould.

I am also enclosing a list of instruments that we make the are TSO'd.

Westberg Mfg. Inc. has been in business for almost 60 years and produces about 5000 instrument variations for the automotive, industrial, agricultural and aircraft trades. Our customers include: Ford, FMC, GM, Fruit Growers Supply, Sky Sports, Thermo-King, Century Instruments, Wag Aero, U.S. Army/ Air Force, Whipple Industries, and NASA.

I hope this is helpful

Sincerely

Westberg Mfg. Inc.

A handwritten signature in cursive script, reading "Tony Devencenzi".

Tony Devencenzi
R&D Engineer.