

Airglas, Inc. ®
3500 O'Malley Rd.
Anchorage, AK 99507

Flight Manual Supplement
Robinson R44, R44 II
Document No. AI-LTB2600-R44-FM

DOCUMENT AI-LTB2600-R44-FM

FAA APPROVED
ROTORCRAFT FLIGHT MANUAL SUPPLEMENT
FOR ROBINSON MODELS:

R44 and R44 II
Equipped with

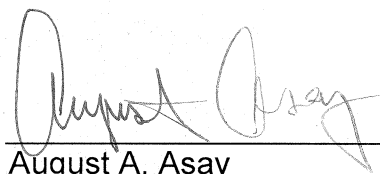
AIRGLAS LTB2600 MODULAR TERRAIN SYSTEM

Registration Number: _____

Serial Number: _____

This supplement must be attached to the aircraft FAA Approved Rotorcraft Flight Manual and must be carried in the rotorcraft when the *Airglas, Inc. ®* **LTB2600** modular terrain system is installed in accordance with STC SR02429AK. The information contained in this document supplements or supersedes the basic manual and applicable appendices only in those areas listed. For limitations, procedures, and performance information not contained in this supplement, consult the basic FAA Approved Rotorcraft Flight Manual.

FAA Approved By: _____



August A. Asay
Manager, Anchorage Aircraft Certification Office
Federal Aviation Administration
Anchorage, Alaska

Date: **DEC 14 2015**

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LOG OF REVISIONS

Revision	Pages Affected	Description	By	Date
Orig.	All	Original Document	See cover	

FAA Approved: DEC 14 2015
Revision: Original

SECTION 1
GENERAL

This helicopter is equipped with *Airglas Inc. ®*, **LTB2600** modular terrain system. This system is comprised of two LTB2600-R44-TP aft tundra pads suitable for operation on hard surfaces, soft ground, and snow. When additional flotation is desired, two LTB2600-R44-SS forward skid skis may be installed.

SECTION 2. Limitations

- A.) *Airspeeds:* NO CHANGE
- B.) *Powerplant limits:* NO CHANGE
- C.) *Flight Load Factors:* NO CHANGE
- D.) *Flight Limitations:* NO CHANGE
- E.) *Usable Fuel:* NO CHANGE
- F.) *Markings and Placards:* NO CHANGE
- G.) *Kinds of Operating Equipment List (KOEL)*

VFR	VFR
DAY	NIGHT

Tundra Pads	0	0
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Skid Skis	0	0
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Note: The (0) used in the above list mean that the equipment and/or system was not required for type certification for that kind of operation.

SECTION 3. Emergency Procedures
NO CHANGE

SECTION 4. Normal Procedures

- A.) *Pre-flight:*
 - a. Inspect for loose or stripped strap attach screws or damage to attaching clamps.
 - b. Inspect for cracks, holes, or abraded areas in the fiberglass.
 - c. Inspect for loose, cracked, or working rivets.
 - d. Inspect for worn, loose or damaged runners.
 - e. Inspect for worn, loose, or missing drag bolts.
- B.) *Starting the engine:* NO CHANGE.
- C.) *Before Takeoff:* NO CHANGE.
- D.) *Before landing:* Ensure planned landing area is free of logs, rocks, snowdrifts or other obstacles.

SECTION 5. Performance Information

Cruise: Cruise speeds with forward skid skis and tundra pads installed are reduced up to 8 KTAS. Pilots should reduce maximum range data by 8%.

Cruise speeds with tundra pads installed are reduced up to 6 KTAS. Pilots should reduce maximum range data by 6%.

SECTION 6. Loading Information

No change. See the helicopter's current weight and balance report for determining exact weight and balance calculations.

SECTION 7. Systems Descriptions

This airplane is equipped with an *Airglas, Inc. ®*, **LTB2600-R44** modular terrain system consisting of two LTB2600-R44-TP tundra pads and optionally two LTB2600-R44-SS forward skid skis. (The LTB2600-R44-TP tundra pads must be installed whenever the LTB2600-R44-SS forward skid skis are installed.

SECTION 8. Servicing and Maintenance

All servicing procedures for this installation are standard. The LTB2600-R44-TP tundra pad and LTB2600-R44-SS forward skid ski may be maintained and inspected in accordance with Part 43 of the Federal Aviation Regulations (14 CFR 43). Information on installing, removing, maintaining, and insuring continued airworthiness of the LTB2600-R44 modular terrain system is detailed in the Instructions for Continued Airworthiness *Including* Installation, Maintenance and Service Instructions Manual No. LTB2600-105, Rev A dated September 10, 2014 or later FAA approved revision.

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