

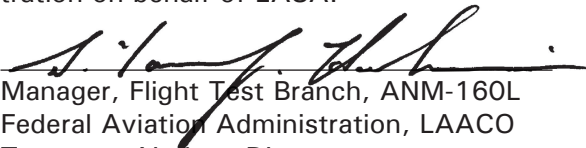
FAA APPROVED  
R44 CADET  
PILOT'S OPERATING HANDBOOK

EASA SUPPLEMENT

This supplement must be included in the FAA-approved Pilot's Operating Handbook for R44 Cadets registered in countries that recognize approvals granted by the European Aviation Safety Agency (EASA).

The information contained herein supplements or supersedes the basic manual only in those areas listed in this supplement. For limitations, procedures, and performance information not contained in this supplement, consult the basic Pilot's Operating Handbook.

This supplement is approved by the United States Federal Aviation Administration on behalf of EASA.

APPROVED BY:   
Manager, Flight Test Branch, ANM-160L  
Federal Aviation Administration, LAACO  
Transport Airplane Directorate

DATE: February 24, 2017

LOG OF REVISIONS

Page No.	Date	Page No.	Date
9-F5.1	7 Sep 17	9-F5.4	24 Feb 17
9-F5.2	24 Feb 17	9-F5.5	7 Sep 17
9-F5.3	24 Feb 17		

REVISIONS  
APPROVED BY:   
*for* Manager, West Flight Test Section, AIR-716  
Federal Aviation Administration  
Los Angeles, CA

DATE: September 7, 2017

**SECTION 3: LIMITATIONS**

**PLACARDS**

In clear view and readable by pilot in flight:

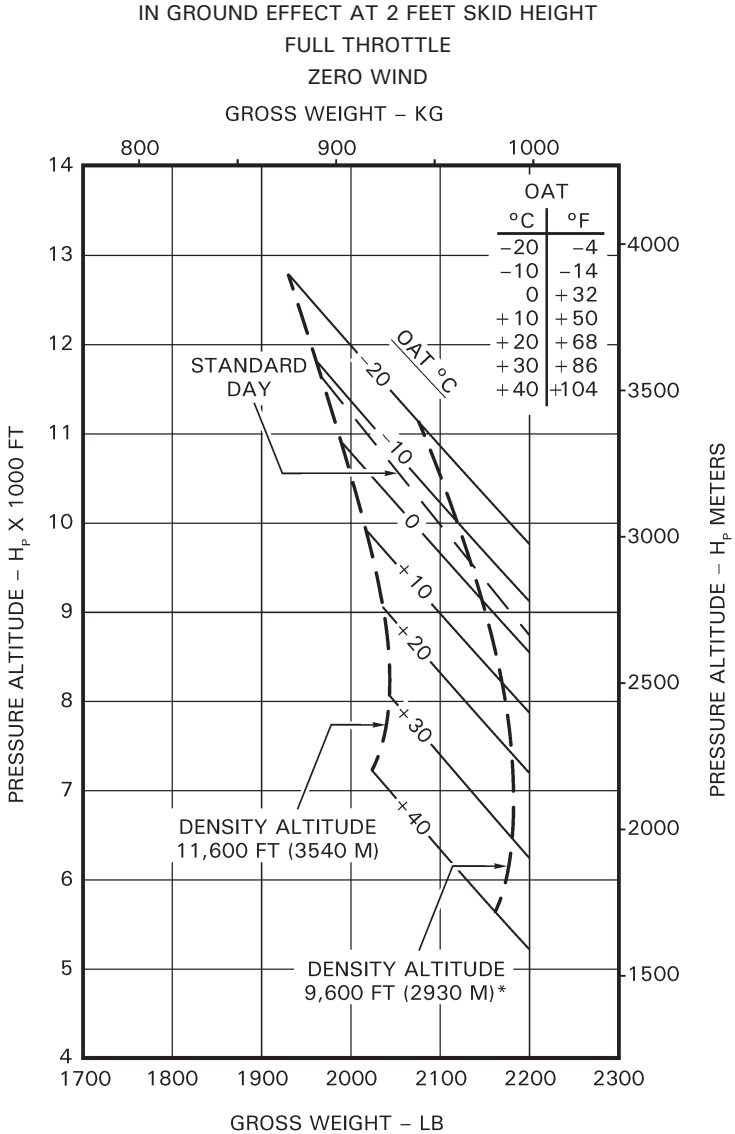
**LIMIT MANIFOLD PRESSURE - IN. HG**

<b>MAXIMUM CONTINUOUS POWER</b>							
<b>PRESS ALT-FT</b>	<b>OAT-°C</b>						
	-20	-10	0	10	20	30	40
<b>SL</b>	21.4	21.7	22.0	22.2	22.5	22.7	22.9
<b>2000</b>	21.0	21.3	21.5	21.8	22.0	22.2	22.5
<b>4000</b>	20.5	20.8	21.1	21.3	21.6	21.8	22.0
<b>6000</b>	20.1	20.4	20.7	20.9	21.1	21.4	21.6
<b>8000</b>	19.7	20.0	20.3	<b>FULL THROTTLE</b>			
<b>FOR MAX TAKEOFF POWER (5 MIN), ADD 2.0 IN.</b>							

**NEVER EXCEED SPEED - KIAS**

<b>PRESS ALT-FT</b>	<b>OAT-°C</b>						
	-20	-10	0	10	20	30	40
<b>SL</b>							
<b>2000</b>	120					117	113
<b>4000</b>				116	112	108	104
<b>6000</b>	116		112	107	103	98	93
<b>8000</b>	112	107	102	97	91	86	81
<b>10000</b>	102	96	91	85	80	75	
<b>12000</b>	91	85	79	<b>NO FLIGHT</b>			
<b>14000</b>	79						
<b>FOR AUTOROTATION, SUBTRACT 20 KIAS</b>							

**SECTION 5: PERFORMANCE**



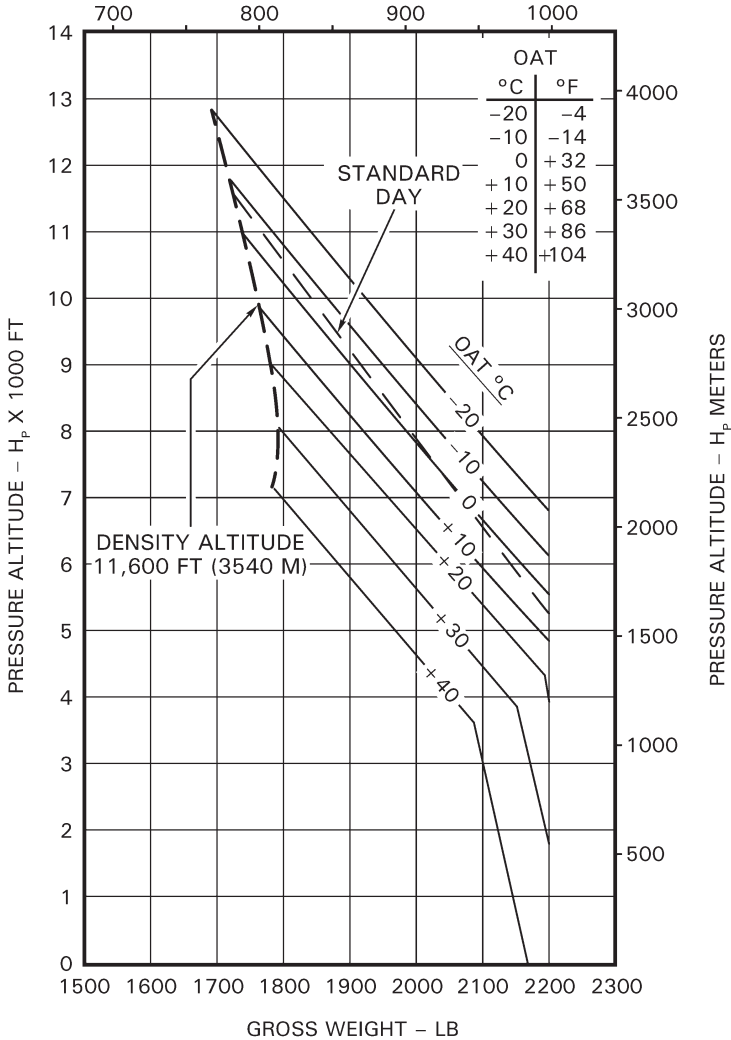
**IGE HOVER CEILING VS GROSS WEIGHT**

\* Hover controllability with 17 knot (31 km/h) wind substantiated up to 9600 feet (2930 meters) density altitude.

**SECTION 5: PERFORMANCE (cont'd)**

OUT OF GROUND EFFECT  
TAKEOFF POWER OR FULL THROTTLE  
ZERO WIND

GROSS WEIGHT - KG



**OGE HOVER CEILING VS GROSS WEIGHT**

**SECTION 9: SUPPLEMENTS**

**GARMIN G500H SUPPLEMENT**

**SECTION 1: GENERAL**

This supplement contains the changes and additional data applicable when the Garmin G500H Electronic Flight Display (EFD) system is installed.

**SECTION 2: LIMITATIONS**

**KINDS OF OPERATION LIMITATIONS**

Night flight is prohibited unless an attitude indicator, stabilized heading indicator, or turn coordinator independent of the G500H system is installed.

**FIXED FLOATS SUPPLEMENT**

**SECTION 2: LIMITATIONS**

**CENTER OF GRAVITY LIMITS**

When performing operations in accordance with EASA Commercial Air Transport (CAT) regulations requiring emergency floatation equipment, lateral center of gravity limit is 1.5 inches (3.8 cm) either side of the centerline.

**AUTOPILOT SUPPLEMENT**

**SECTION 1: GENERAL**

This supplement contains the changes and additional data applicable when the autopilot is installed.

**SECTION 4: NORMAL PROCEDURES**

***CAUTION***

LPV approach functionality is not EASA certified.

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