

Fuel- Weight (lb)	Longitudinal Moment
20	1,800
40	3,700
60	5,500
80	7,400
100	9,300
120	11,300
140	13,200
160	15,200
180	17,200
200	19,100
220	21,100
240	23,100
260	25,100
280	27,000
300	29,000
320	31,000
340	33,000
360	35,000
380	37,000
400	39,000
420	41,100

Notes:

1. Approximate weights and moments based on JP-4 fuel (MIL-F-5624F) at 6.5 pounds per gallon.
2. Total weight of fuel is dependent upon the specific gravity and temperature. Variation should be anticipated in gage readings when tanks are full.
3. Fuel CG varies with quantity.
4. Maximum fuel quantity is 416 pounds.

Figure 4-2. Fuel Table

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Hughes 500 Model 369HS Helicopter

k. **Fuel Filter Clogged.** A caution light on the instrument panel illuminates when the pressure drop across the filter is 0.5 psid or more. Service fuel filter prior to next flight. (Refer to Handbook of Maintenance Instructions.)

l. **Fuel Low.** A caution light on the instrument panel illuminates when there is approximately 35 pounds of fuel remaining in the tank. Avoid large steady sideslip angles when fuel low light is illuminated. At low fuel level, sideslip may cause the fuel tanks outlet to become uncovered causing fuel starvation.

1-7. LIMITATIONS PLACARDS

a. **THIS HELICOPTER MUST BE OPERATED IN COMPLIANCE WITH THE OPERATING LIMITATIONS SPECIFIED IN THE APPROVED ROTORCRAFT FLIGHT MANUAL.**

b. **V_{ne} IAS Card**

		VNE, KNOTS, IAS Gross Weight - More Than 2000 Lb						
Pressure Altitude x 1000 °C OAT	0	1	4	7	10	13		
-30	130				92	66		
-15				108	79	54		
0				128	92	66	43	
15				109	80	55	--	
30				94	68	45	--	
45	125	112	83	58	--	--		

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		V _{Best Range} (VBR) in Knots CAS							
Gross Weight	Pressure Altitude	-20°C		0°		20°C		40°C	
		VBR Cal	FF (lb/hr)	VBR Cal	FF (lb/hr)	VBR Cal	FF (lb/hr)	VBR Cal	FF (lb/hr)
1800	SL	118	135	116	136	116	142	113	145
	1000	116	133	115	135	114	137	111	143
	2000	114	130	114	134	112	133	109	140
	3000	113	128	113	133	110	129	107	137
	4000	112	125	112	131	108	126	105	133
	5000	111	122	111	128	107	123	104	129
	6000	111	119	108	123	105	122	101*	124
	7000	108	116	105	120	102	121	97*	119
	8000	105	114	103	117	100	119	93*	114
	9000	104	113	102	115	98	118	89*	111
	10000	104	113	100	113	97	116	86*	108
2000	SL	121	140	118	143	116	146	114	149
	1000	119	138	116	141	114	141	112	147
	2000	117	135	114	139	112	137	110	144
	3000	115	130	113	137	110	134	106*	141
	4000	113	128	112	134	109	130	103*	136
	5000	112	126	111	132	108	128	100*	128
	6000	111	123	108	130	104	127	97*	123
	7000	108	121	106	127	102	126	93*	118
	8000	106	119	104	124	100	125	88*	114
	9000	105	118	101	121	98	123	83*	110
	10000	104	118	99	118	96	122	79*	106
2200	SL	123	147	119	148	116	150	115	156
	1000	121	145	117	146	114	146	113	154
	2000	119	142	115	144	112	142	107**	151
	3000	117	144	113	142	110	138	97**	132
	4000	115	136	112	140	105**	132	88**	121
	5000	113	133	111	137	95**	119	80**	113
	6000	110	129	104**	128	87**	111	73**	107
	7000	107**	126	94**	115	77**	105	65**	104
	8000	104**	122	86**	108	71**	101	58**	102
	9000	95**	115	78**	102	64**	99	51**	102
	10000	85**	107	70**	97	56**	97	44**	104

Figure 6-2. Range Data - Fuel Flow and Speed for Best Range (Sheet 1 of 2)

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Hughes 500 Model 369H Helicopter

5/7/2019

1:16:47 PM

3rd Power Poin

00:43:42

0.0

48457

94.8

47884

34982

100.0

204.6

75.4

5997

233.6

68.3

235.6

63.8

22.9

172.3

174.4

Excerpt from
engine run datasheet
showing fuel flow in
pounds per hour
while at cruise power





CHEHALIS CENTRALIA AIRPOR

\$138.51

Sale

Transaction date

Mar 02, 2019

Posted date

Mar 04, 2019

CHEHALIS, WA 98532

Description

CHEHALIS CENTRALIA AIRPOR

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Feb 24, 2019

\$101.90



Disclaimer: Transaction details may be preliminary or incomplete and may not match the transaction as it appears