

RMA Helicopter Ordering Guide 8000

NOTE: FOR PLANNING PURPOSES ONLY – CAPABILITIES ARE EITHER ESTIMATED OR AVERAGED

RMA Helicopter Ordering Guide Help Sheet

Type = Type of Helicopter by ICS Type I, II or III (1,2,3 on spreadsheet).

Make/Model - Self-Explanatory.

HOGE (Hover Out of Ground Effect) @ 8000' = This is the average payload in pounds that the model helicopter can carry at 8000' elevation with a temperature of 25 degrees Celsius, (77 degrees Fahrenheit).

Passenger Capability @ 8000' = The number of passengers on average the model ship can carry at 8000' elevation, out of ground effect.

Module needed Standard = The Manager and crew needed as a module if the ship is a standard category helicopter.

Module needed Restricted = Only a Manager, no crewpersons, required on all restricted category helicopters.

Bucket gallons @ 8000' = The number of gallons on average the model helicopter can carry at 8000' elevation.

The chart gives a good representation of helicopter model capabilities, these are averages and not exact. The two red lines show a break when going to a different type helicopter might be more effective depending on the elevation. For example, if the fire is at 8000' on a 25 degree C day, a B-205-A-1++ would be more effective than the S-61N. The B-205-A-1++ can carry an average payload of 2196 pounds, and 244 gallons of water. This is more than the S-61N can carry with an average 1899 pounds, and 183 gallons of water.

The chart titled Helicopter Ordering Guide 8000 is sorted by performance of *type*- highest to lowest given the altitude of 8000' and a temperature of 25 degrees C (Celsius), (77 degrees Fahrenheit). It gives a quick view of what models helicopter would give good performance.

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Type	Common Name	Make/ Model	Average HOGE Payload @ 8000 @ 25-C	Passenger Capability @ 8000	Module Needed Standard	Module Needed Restricted	Bucket Gallons @ 8000
1	Chinook	BV-234	14,145	N/A		Mgr. Only	1640
1	Sky Crane	S-64-E	8,883	N/A		Mgr. Only	1014
1	Sky Crane	CH-54A	7,698	N/A		Mgr. Only	880
1	Sky Crane	CH-54B	6,912	N/A		Mgr. Only	785
1		S-61V	6,880	N/A		Mgr. Only	783
1	Fire Hawk	S-70	5,696	N/A		Mgr. Only	649
1		KMAX	4,614	N/A		Mgr. Only	513
1	Puma	AS-330-J	3,657	18	Manager & 4	Mgr. Only	395
1		S-61R	3,631	N/A		Mgr. Only	392
1	Super Puma	AS-332-L	3,415	17	Manager & 4	Mgr. Only	250
1	Vertol	BV-107-II	3,325	N/A		Mgr. Only	353
1	Vertol	KV-107-II	3,231	N/A		Mgr. Only	352
1		S-61A	3,222	N/A		Mgr. Only	343
1		S-61L	2,707	N/A		Mgr. Only	280
Below this line, type 2 performance may be better than type 1, consider ordering type 2.							
1		S-61N	1,899	N/A		Mgr. Only	183
1		H-43	1,173	N/A		Mgr. Only	121
Type							
2		B-214-B	2,630	13	Manager & 3	Mgr. Only	296
2	Super 205	B-205-A-1++	2,196	9	Manager & 3	Mgr. Only	244
2		B-UH-IH-703	2,196	N/A		Mgr. Only	244
2		B-212-HP	1,743	8	Manager & 3	Mgr. Only	189
2		B-UH-1H-CB	1,307	N/A		Mgr. Only	137
2		B-212	1,304	6	Manager & 3	Mgr. Only	136
2		B-U/TH-1L/IK	1,208	N/A		Mgr. Only	126
2		B-UH-1F	1,207	N/A		Mgr. Only	126
2		B-412-EP-9	1,070	5	Manager & 3	Mgr. Only	108
2		B-205-A-1+	957	4	Manager & 3	Mgr. Only	95
Below this line, type 3 performance may be better than type 2, consider ordering type 3.							
2		B-UH-1B-13	825	N/A		Mgr. Only	80
2		B-UH-1B	825	N/A		Mgr. Only	80
2		B-412	803	4	Manager & 3	Mgr. Only	76
2		S-58-T	650	3	Manager & 3	Mgr. Only	57
2		B-205-A-1	599	2	Manager & 3	Mgr. Only	52
2		S-58-E	473	2	Manager & 3	Mgr. Only	38
2		B-UH-1H	0	N/A		Mgr. Only	-
2		B-204-B	0	N/A	Manager & 3	Mgr. Only	-
Type							
3	Lama	SA-315B	1300	4	Manager & 2	Mgr. Only	135
3		BH-407	977	4	Manager & 2	Mgr. Only	101
3		BH 206L4	875	4	Manager & 2	Mgr. Only	96
3	Alouette III	SA 316 B	825	4	Manager & 2	Mgr. Only	91
3	Long Ranger	B-206-L3	777	3	Manager & 2	Mgr. Only	84
3	Astar B2	AS 350 B2	641	3	Manager & 2	Mgr. Only	68
3	Jet Ranger	Bell 206-III	380	2	Manager & 2	Mgr. Only	35
3	Astar	AS-350-BA	350	2	Manager & 2	Mgr. Only	35