

Date, Time (UTC) 2022-12-05, 0626

## HOVER CEILING OUT OF GROUND EFFECT OEI 2.5 min

GROSS WEIGHT [lb x 100]

Flight ID:

HSO54A

ROTOR SPEED: PLUS MODE

ELECTRICAL LOAD: 100%

BOE/NLE

PIC/SIC:

USER INPUT:
Dry Ops Mass:
3632 kg

QNH: 1021 hPa

Hover Height: 300 ft

Temperature:

Wind: 25 kt

Wind benefit: 100 %

Fuel at HHO: 270 kg

**RESULT:** 

Pressure Altitude: 89 ft

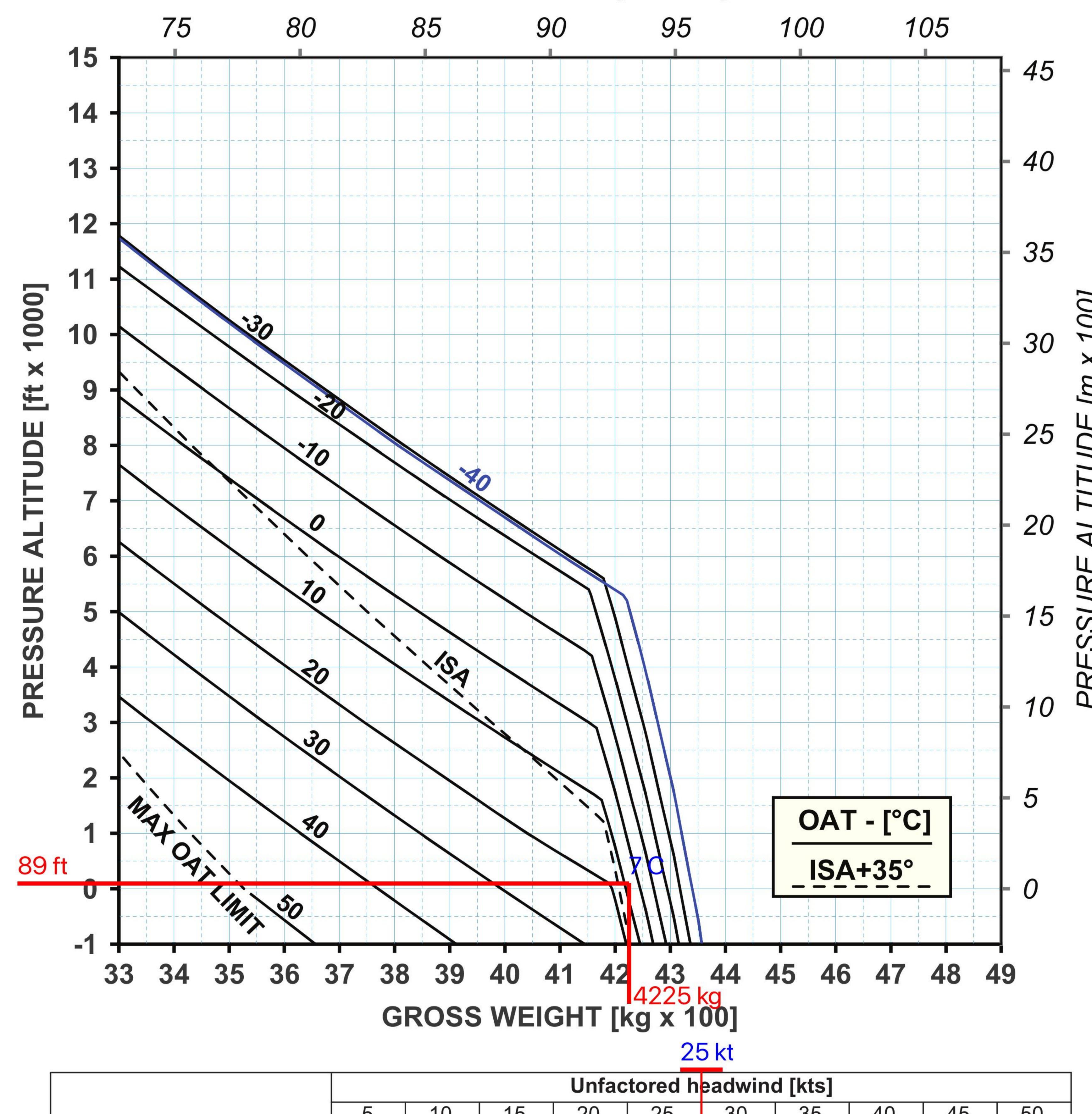
Mass, 0 kt Wind: 4225 kg

Mass, 25 kt Wind 4800 kg

Mass, 100 % Wind: 4800 kg

Useful Load at site: 1168 kg

Payload at site: 898 kg



	Unfactored headwind [kts]									
	5	10	15	20	25	30	35	40	45	50
Unfactored increase of GROSS WEIGHT kg [lb] for unfactored headwind [kts]	62 [137]	219 [484]	400 [883]	623 [1373	850 [1874]	1047 [2309]	1-11-11-11-11-11-11-11-11-11-11-11-11-1		1728 [3810]	1965 [4332]
	850 kg									

169F1580A002 ISSUE I

ICN-69-A-155105-G-A0126-00025-A-02-1

Figure S5-31 HOGE ceiling OEI 2.5 min power

Approved Issue 3 Page S5-55