

CARGO POD INSTALLED CLIMB GRADIENT - TAKEOFF FLAPS UP

CONDITIONS:

Takeoff Power
1900 RPM

Zero Wind

INERTIAL SEPARATOR **NORMAL**

Weight Pounds	Pressure Altitude Feet	Climb Speed KIAS	Climb Gradient - Feet/Nautical Mile (FT/NM)				
			-40°C	-20°C	0°C	20°C	40°C
8750	Sea Level	68	735	695	655	620	475
	2000	69	695	655	615	580	390
	4000	69	660	615	580	500	305
	6000	70	620	580	545	410	230
	8000	70	580	540	475	330	165
	10,000	71	545	505	390	250	---
	12,000	72	505	420	305	180	---
8300	Sea Level	66	810	770	725	690	535
	2000	66	770	730	685	650	445
	4000	67	730	690	650	565	360
	6000	68	690	645	610	470	280
	8000	68	650	605	540	380	210
	10,000	69	610	570	445	300	---
	12,000	69	570	475	355	225	---
7800	Sea Level	61	910	860	815	775	615
	2000	62	865	820	775	735	515
	4000	62	820	775	730	640	425
	6000	62	780	730	690	540	340
	8000	63	735	690	615	445	265
	10,000	63	690	645	515	360	---
	12,000	63	645	550	420	280	---
7300	Sea Level	59	1020	970	920	875	700
	2000	59	975	920	875	830	595
	4000	59	925	875	830	730	500
	6000	59	880	830	780	620	405
	8000	59	830	780	700	520	330
	10,000	59	785	735	595	430	---
	12,000	59	735	630	490	340	---

NOTE

- Do not exceed torque limit for takeoff per **MAXIMUM ENGINE TORQUE FOR TAKEOFF** chart. When ITT exceeds 765°C, this power setting is time limited to 5 minutes.
- With climb power set below the torque limit, decrease climb gradient by 10 FT/NM for INERTIAL SEPARATOR set in BYPASS and 40 FT/NM for CABIN HEAT ON.
- Where climb gradient values have been replaced by dashes, operating temperature limits of the airplane would be greatly exceeded. Those climb gradients which are included, but the operation slightly exceeds the temperature limit, are provided for interpolation purposes only.

Figure 398