

CE560XL PERFORMANCE PLANNING				
DEPARTURE				
WEATHER				
ANTI-ICE <input type="checkbox"/> ON <input type="checkbox"/> OFF				
BOW	PAX / CARGO	FUEL	T/O WEIGHT	MAX ALLOW GWT
				① 4-38
2ND SEGMENT REQUIRED	2ND SEGMENT ALTITUDE	2ND SEGMENT FLAPS 7°	2ND SEGMENT FLAPS 15°	VFR CLIMB GRADIENT CAPABLE
		① 4-446	① 4-460	YES / NO <input type="checkbox"/> 1.6% <input type="checkbox"/> 2.8%

TAKEOFF DATA (USE V SPEEDS FOR ACTUAL TAKEOFF CONDITIONS)				
V ₁	V _R	V ₂	V _{REF}	V _{APP}
RWY CONDITION	RUNWAY LENGTH NO SLOPE	RUNWAY LENGTH SLOPE	T/O DISTANCE DRY	T/O DISTANCE WET
DRY WET	① 4-42	% SLOPE	7°	7°
			15°	15°
* USE LONGEST TAKEOFF DISTANCE		① 4-42 / 4-192	① 4-44 ② 7-5	① 4-94 ② 7-5
EMER RETURN LDG DISTANCE:		EMER RETURN LDG WT:		

ARRIVAL				
WEATHER				
ANTI-ICE <input type="checkbox"/> ON <input type="checkbox"/> OFF				
RUNWAY LENGTH AVAILABLE	91K / 135 LANDING DIST REQUIRED	RUNWAY % SLOPE	LAND DIST CAPABLE	LANDING GROSS CLIMB GRADIENT
	80% / 60% RWY		① 4-488	① 4-598
RWY CONDITION	WET CORRECTION	LDG WEIGHT	MAX LDG WEIGHT	MINIMUM 3.20%
DRY WET	② 7-9		① 4/487 / S9-18	

① AFM (White Book) ② ADVISORY SECTION ③ OPERATING MANUAL (Black Book)

ENROUTE				
ANTI-ICE <input type="checkbox"/> ON <input type="checkbox"/> OFF				
ALT / FL	TEMP	WINDS	GWT	TRIP DISTANCE
TRIP FUEL	HSC PWR	LRC PWR	NORM CRUISE PWR	DRIFT DOWN
				.4 AOA
③ 7-17	③ 7-17	③ 7-37	③ 7-28	③ 7-108

2nd SEGMENT VFR - 1.6 CLIMB GRADIENT (Minimum)

GROUND SPEED X GRADIENT = FPM

2nd SEGMENT IFR - 3.3 CLIMB GRADIENT (Minimum)

FPM ÷ GROUND SPEED = GRADIENT

FEET PER NM ÷ 60 = GRADIENT

- USE LONGER OF DRY / WET RUNWAY LENGTH
- AFM PAGES 7-9 thru 7-12 CONTAIN WET RUNWAY CORRECTIONS
- USE ACTUAL CONDITIONS FOR V₁ V₂
- MAY USE HEADWIND CREDIT FOR TAKEOFF
- NO HEADWIND CREDIT FOR LANDING
- NO THRUST REVERSER CREDIT FOR LANDING
- AFM PAGES 4-376 thru 389 LDG DISTANCE ADVISORY INFORMATION
- GO-AROUND / MISSED APPROACH MINIMUM CLIMB GRADIENT 2.1

FUEL LOADING TABLE - OPS MANUAL 7-9 ADVISORY SECTION

• For second segment and enroute turning climb, up to and including a 15° bank angle, if the takeoff weight is **19,323 lbs** (19,516 lbs XLS) or less, multiply weight by **1.035** to obtain an adjusted weight. Enter the appropriate second segment or enroute climb table at the adjusted weight to find the actual climb performance of the aircraft in the bank. If takeoff weight is greater than **19,323 lbs** (19,516 lbs XLS), reduce the climb gradient by **1.2%**.

Pax Weight:

Adult Passenger 190 lbs / 195 lbs Winter Adult Total: 220 lbs / 225 lbs

Child 82 lbs / 87 lbs Winter Child Total: 112 lbs / 117 lbs

Passenger Bags 30 lbs

Raft: Eastern Aero-Marine (10 or 11 Man) approx. 65 lbs.

135 FLIGHTS: 15% ADDITIONAL RUNWAY REQUIRED FOR LANDING ON A "WET OR SLIPPERY" RUNWAY.