

November 23, 2013

XA-USD

(Lear 35A255)

BEST CLIMB PERFORMANCE (SINGLE ENGINE INOPERATIVE)									
IT IS ASSUMED							AFM EXTRAPOLATION		
Weight (Lbs)	Press Altitude	Temp	Flap	Landing Gear	Anti-Ice Protection	Max Power	Climb Gradient	V <sub>S1</sub> + 1.25	Rate of climb
18,300	2,200 ft (Altimeter @ FLL was 1013.2)	19° C (standard lapse rate from 23° C FLL)	Up	Up	Off	On operating Engine	3.4%	162 KIAS	581 ft/min

BEST GLIDE PERFORMANCE (DUAL ENGINE INOPERATIVE)									
IT IS ASSUMED						AFM EXTRAPOLATION			
Weight (Lbs)	Press Altitude	Temp	Flap	Landing Gear	Fuel Jettison System (Tip Tanks)	Best Glide Airspeed	Descent Ratio	Rate of Descent	Pitch Angle
18,200 (2 min after T/O -100 lbs fuel)	2,200 ft (Altimeter @ FLL was 1013.2)	19° C (standard lapse rate from 23° C @ FLL)	Up	Up	Not Used	200 KIAS Best glide = Vref (140) + 60 = 200 KIAS	2 NM / 1,000 ft	-1,727	-4.7°

NTSB Identification: ERA14FA045