

EMBRAER 195

Performance

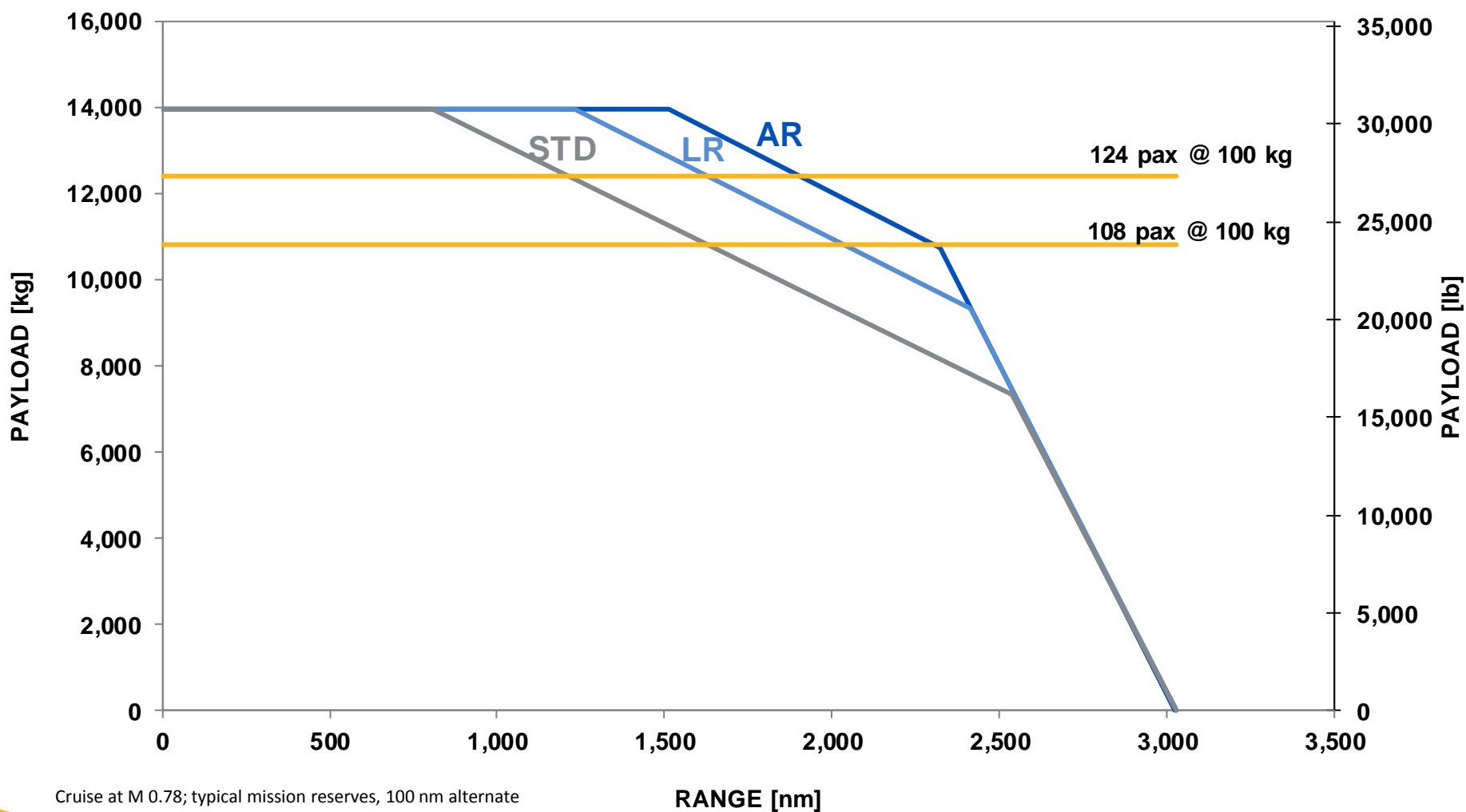
June 2014

EMBRAER 195 Performance Characteristics

		STD	LR	AR
Range	<i>nm</i>	1,600	2,000	2,300
Full PAX*, LRC, typical mission reserves	(km)	(2,963)	(3,704)	(4,260)
Takeoff field length	<i>m</i>	1,742	1,992	2,179
MTOW, ISA, SL - E5 engines for STD & LR; E5A1 engines for AR version	(ft)	(5,715)	(6,535)	(7,149)
Landing field length	<i>m</i>	1,260		1,275
MLW, ISA, SL	(ft)	(4,134)		(4,183)
Takeoff field length	<i>m</i>		1,432	
TOW for 500nm, full PAX*, ISA, SL, E5 engines	(ft)		(4,698)	
Time to climb to FL350	<i>min</i>		18	
TOW for 500 nm, full PAX*				
Max. operating speed	Mach		0.82	
Service ceiling	(ft)		41,000	

Notes: (*) Single-class seating at 32" pitch; Passengers at 100 kg (220 lb)

EMBRAER 195 Payload range



Cruise at M 0.78; typical mission reserves, 100 nm alternate