



CRUISE TAS	170 KTS
PLANNED FUEL CONSUMPTION.....	110 LTS/HR
USABLE FUEL.....	378 + 151 = 529 LTS
TAKEOFF SPEEDS	Vr 78 KTS / Vtoss 91 KTS
BEST RATE OF CLIMB (V_y).....	107 KTS
BEST ANGLE OF CLIMB (V_x)	81 KTS
BEST S/E RATE OF CLIMB (V_{yse}) BLUE LINE	101 KTS
CRUISE CLIMB	120 KTS
APPROACH SPEED	90 KTS
NEVER EXCEED SPEED (V_{ne})	223 KTS
MAX STRUCTURAL CRUISING SPEED (V_{no})	182 KTS
MANOEUVERING SPEED (V_a)	146 KTS
MINIMUM CONTROL SPEED (V_{mca}) RED LINE.....	75 KTS
MAX FLAP EXTENSION (V_{fe}) 0 - 15°.....	155 KTS
> 15 °	140 KTS
MAX GEAR OPERATION (V_{lo}) / MAX GEAR EXTENDED (V_{le})	137 KTS
MAX CROSSWIND COMPONENT	20 KTS
STALL SPEED (GEAR DOWN, FLAPS 35)	63 KTS
STALL SPEED (GEAR, FLAPS UP).....	75 KTS
MIN OIL CAPACITY	9 QTS
BASIC EMPTY WEIGHT	1638.7 KGS
MAX TAKE OFF WEIGHT	2404 KGS
WING LOCKER MAX (EACH)	54 KGS
AFT BAGGAGE MAX	72 KGS