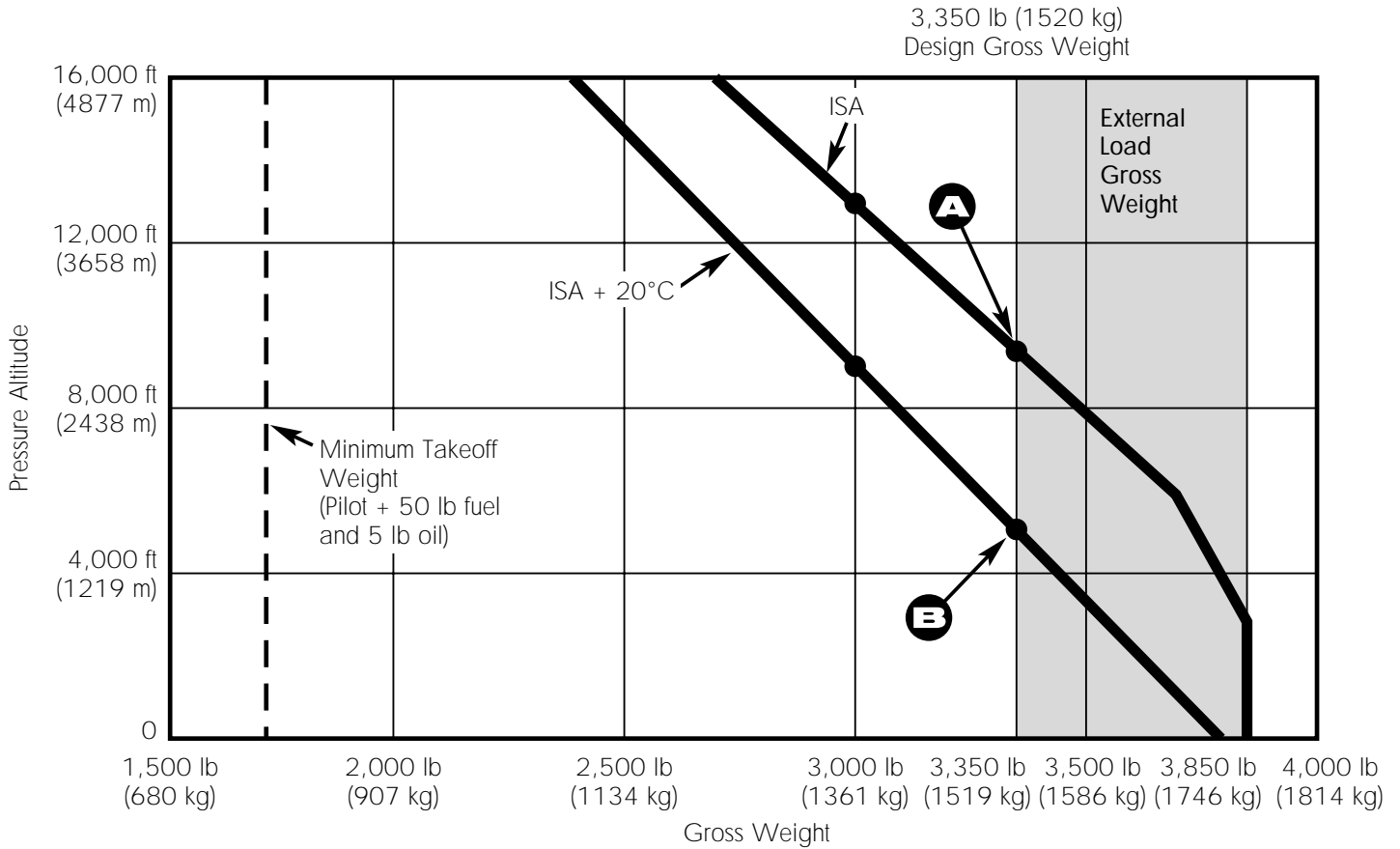


MD520N

WITH C20R ENGINE

HOVER IN-GROUND EFFECT



- A** At 9,300 ft (2835 m) on a standard day
- B** At 5,100 ft (1554 m) on a hot day

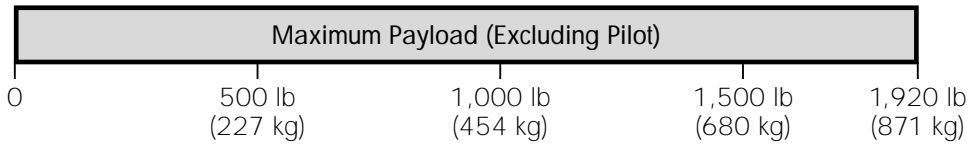
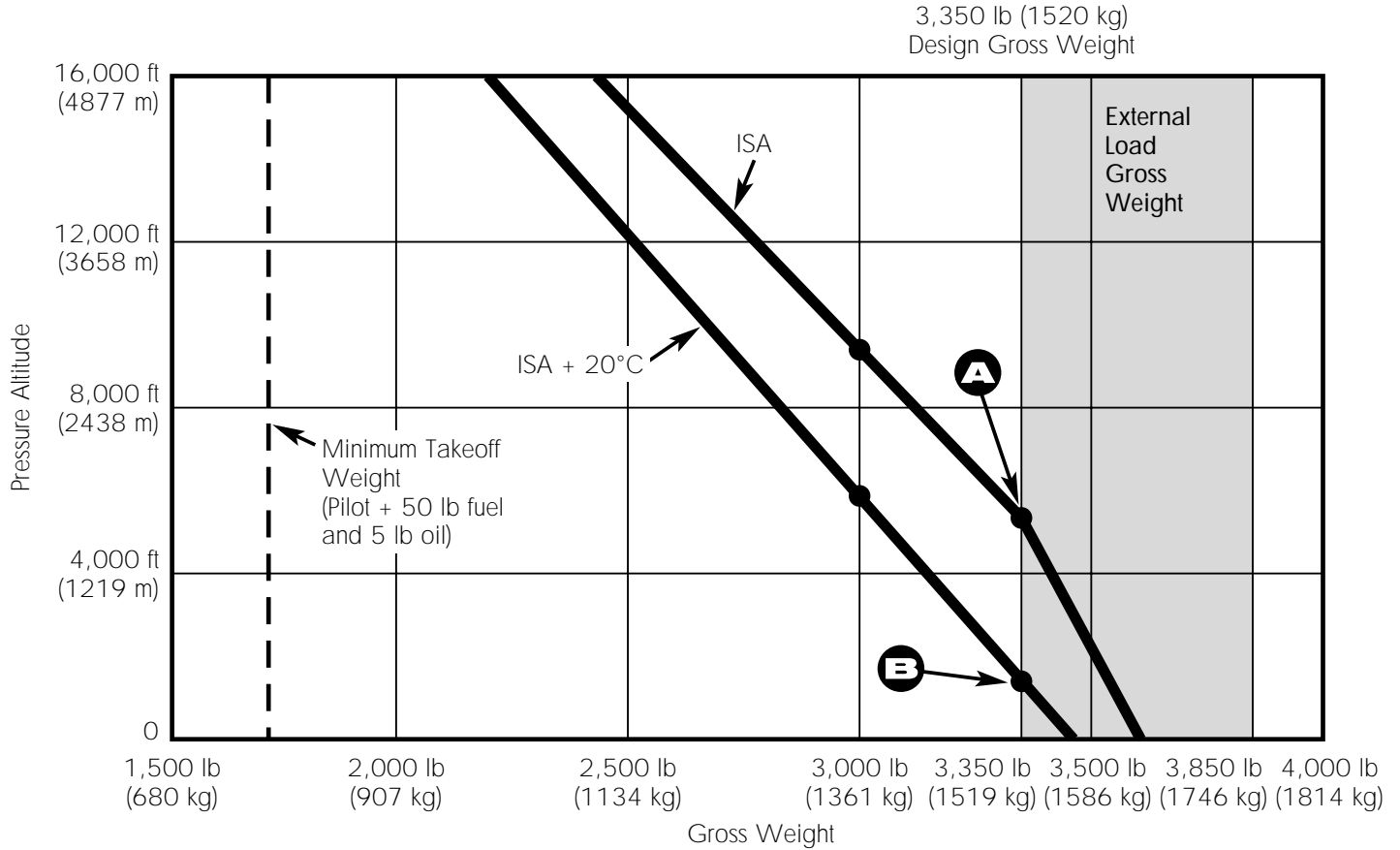


Hover Altitude (no wind) In-Ground Effect
3.0 ft (.9 m) Skid Height

MD520N

WITH C20R ENGINE

HOVER OUT-OF-GROUND EFFECT



- A** At 5,600 ft (1707 m) on a standard day
- B** At 1,400 ft (427 m) on a hot day

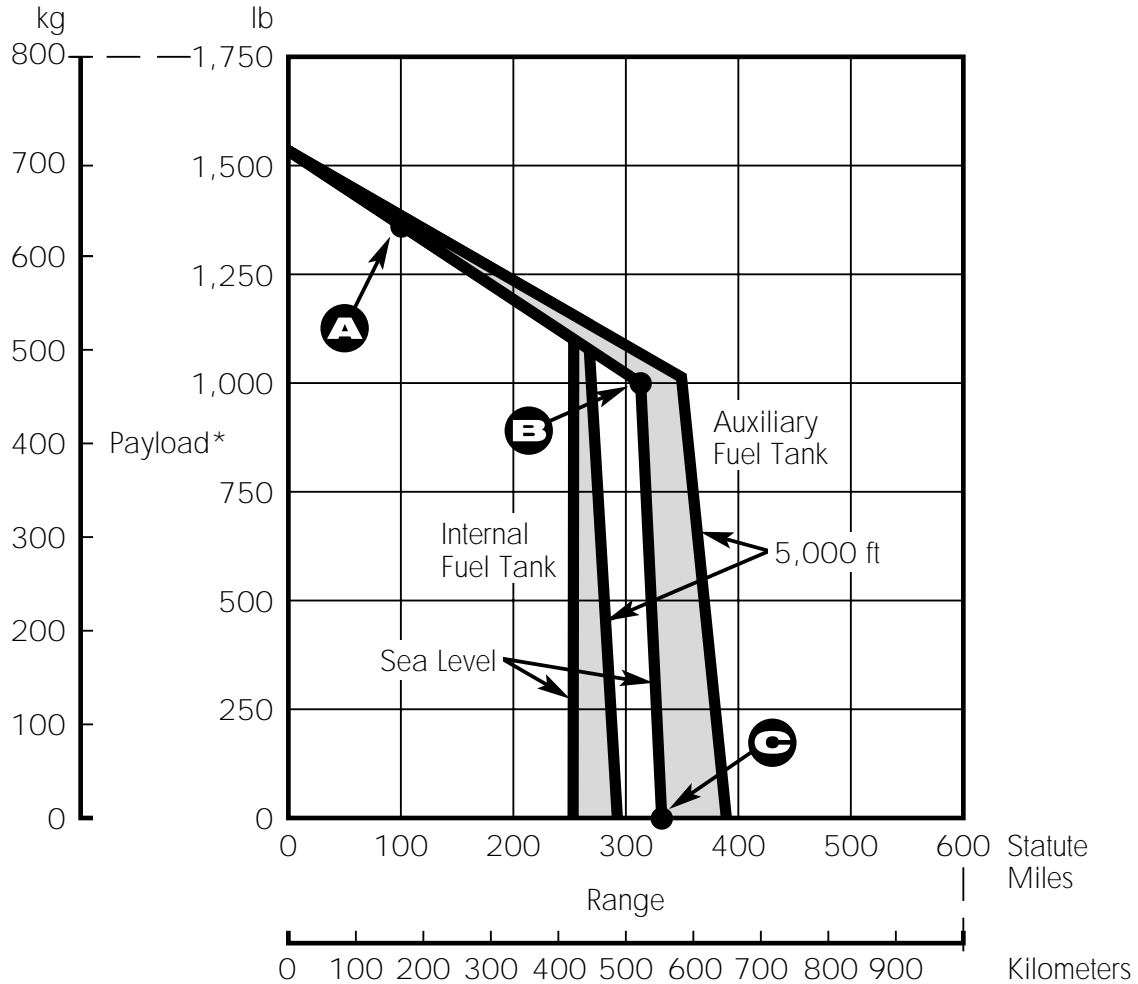


Hover Altitude (no wind) Out-of-Ground Effect

MD520N

WITH C20R ENGINE

PAYLOAD vs. RANGE



*Payload = Gross Weight / minus Empty Weight / minus Pilot / minus Fuel

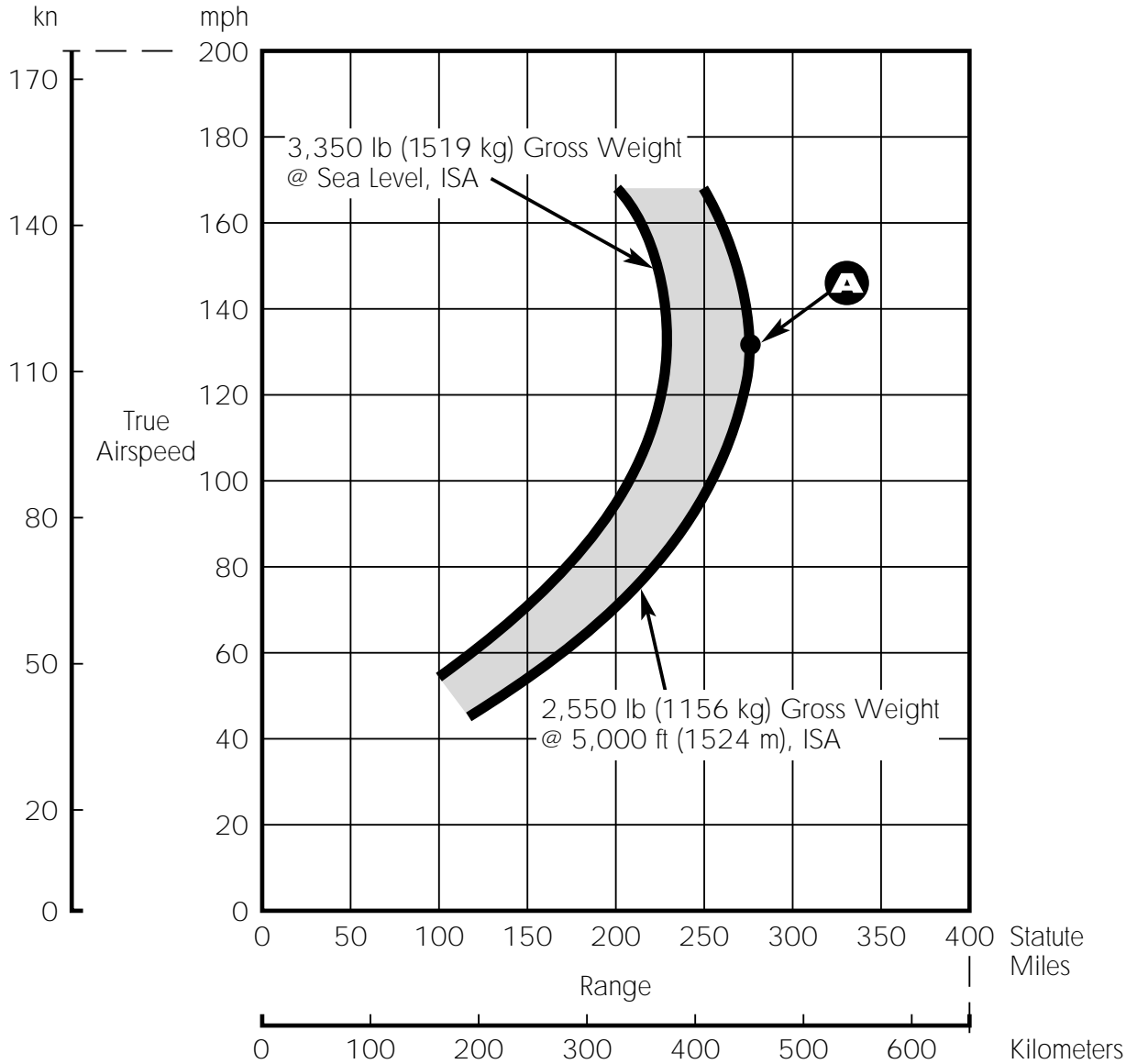
3,350 lb	1,585 lb	170 lb	up to 578 lb
(1519 kg)	(719 kg)	(77 kg)	(262 kg)

- A** Carry 1,371 lb (622 kg) internal payload 100 miles (161 km)
- B** Fly 317 miles (510 km) range with 1,012 lb (459 kg) internal payload
- C** Fly 340 miles (547 km) ferry range

MD520N

WITH C20R ENGINE

SPEED vs. RANGE



Achieve a Range of ...

A 275 mi (443 km) at 133 mph (115 kn)(214 km/hr)

or

Fly 163 mph (141 kn)(262 km/hr) at reduced gross weight