

# Engine Fuel Burn Comparison

(based on a 600shp output)

- Garrett TPE-10 engine (SFC= .537lbs/hr/eshp):
  - 600 eshp x .537 lbs/hr/eshp= 320 lbs/hr
  - 47.7 U.S. gal/hr**
- P&W PT6-135 engine (SFC= .585 lbs/hr/eshp):
  - 600 eshp x .585 lbs/hr/eshp= 351 lbs/hr
  - 52.4 U.S. gal/hr**
- P&W PT6-34 engine (SFC= .595 lbs/hr/eshp):
  - 600 eshp x .595 lbs/hr/eshp= 357 lbs/hr
  - 53.3 U.S. gal/hr**
- P&W PT6-114 engine (SFC= .640 lbs/hr/eshp):
  - 600 eshp x .640 lbs/hr/eshp= 384 lbs/hr
  - 57.3 U.S. gal/hr**
- Walter M601E engine (SFC= .649 lbs/hr/eshp):
  - 600 eshp x .649 lbs/hr/eshp= 389 lbs/hr
  - 58.1 U.S. gal/hr**

Note: The specific fuel consumption (SFC) for each engine is the manufacturer's value at the engine's normal takeoff rating. Therefore, at 600 eshp, all of the engines are flat-rated and all will have a slightly higher SFC.