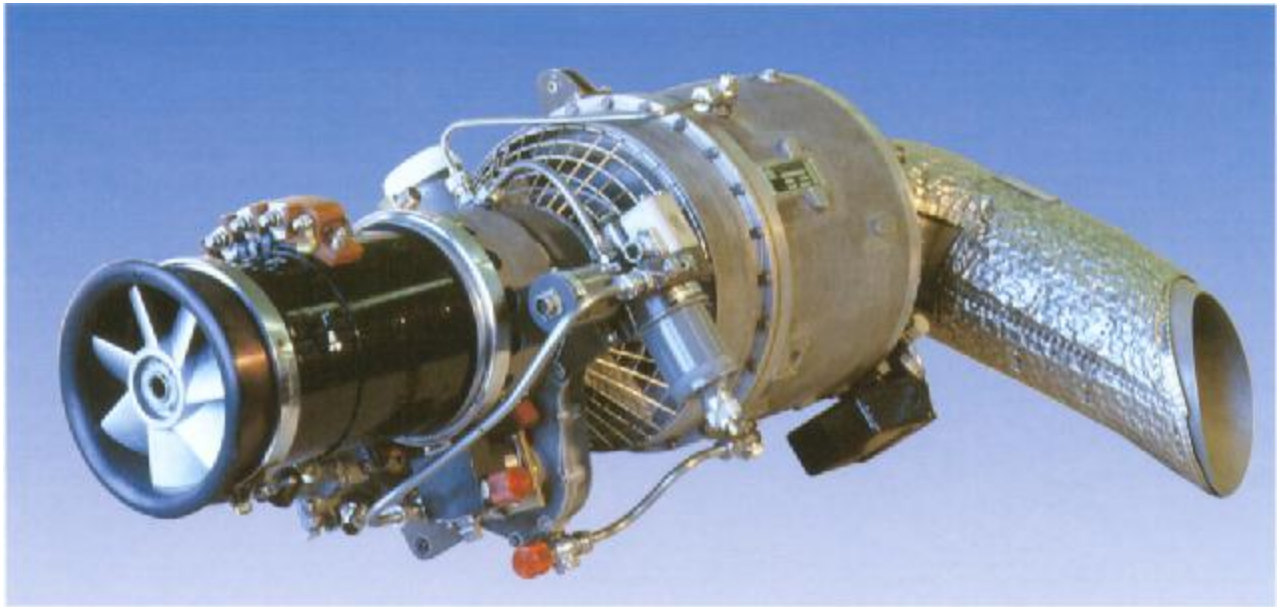


AUXILIARY POWER UNIT SAFÍR 5 F

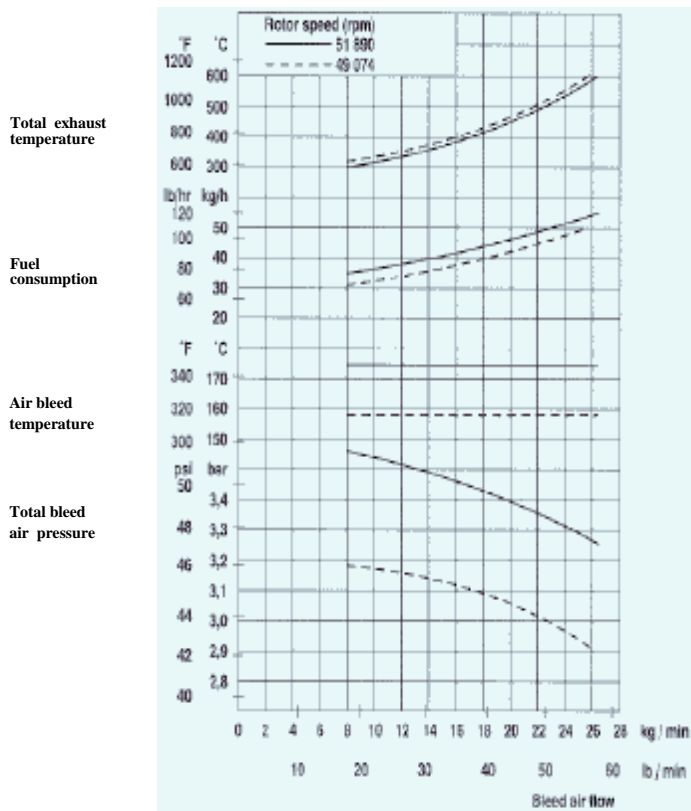


Auxiliary power unit **SAFÍR 5F** is intended for starting of aircraft main-power engines and for driving of emergency sources of electric and hydraulic.

Technical Data:

Standard conditions	$T_0 = 15^\circ\text{C}$ (59°F), $p_0 = 1013$ mb (14.7 psi)
Max. air bleed flow	25 kg/min (55 lb/min)
Pressure ratio	3.2:1
Turbine speed	46 400 – 51 900 rpm
Electric power	7.5 kW
Hydraulic output	5.7 l/min (1.5 Usgal/min), 19 Mpa (2760 psi)
Altitude	10 000 m (32 800 ft)
Temperature range	-40° to +55° C (-40° to 130° F)
Weight (without accessories)	48 kg (105.8 lb)
Weight (including accessories)	66 kg (145.5 lb)

APU Characteristics (AT ISA)



Standard Equipment

- Startmeter and running hourmeter
- Autonomous oil system
- Electronic control and check system
- Fuel system
- Air system
- Hydraulic pump
- Dynamostarter
- Oil cooling
- Signalling of combustion products dangerous temperature
- Signalling of oil filter fouling
- Failures signalling
- Protection
 - oil pressure
 - loss of speed
 - over-speed

Dimensions (in mm)

