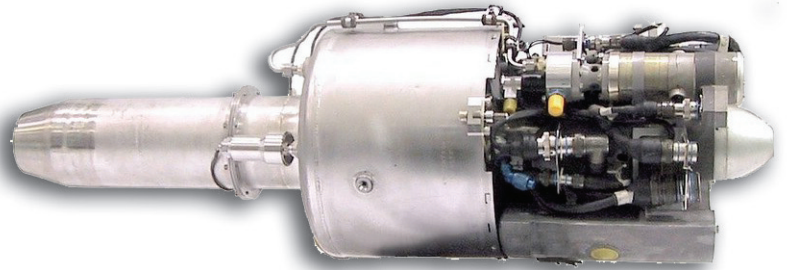




BET SHEMESH ENGINES LTD.

R & D Division

BS 175



BET SHEMESH ENGINES'

BS175 Engine

features high technology simplicity in design and low cost.

The engine is a single shaft turbojet with one stage centrifugal compressor and a single turbine.

The engine features a full authority digital electronic control (FADEC).

Starting is by windmilling and pyrotechnic igniters.

A 2 Kw alternator is integrated in the engine.

Engine's main features are:

Performance

Rated SLS thrust	196 Lb	(89 Kg)
SFC SLS	1.066 Lb/Lbf/Hr	
Airflow	2.73 Lb/Sec	(1.24 Kg/sec)
Altitude	30,000 ft	
Flight speed	Mach 0.9	

Dimensions

Dry weight	55.5 Lb	(25.2 Kg)
Length	30"	(762 mm)
Max. diameter	10.8"	(275 mm)