



BET SHEMESH ENGINES LTD.

R & D Division

BS 151



BET SHEMESH ENGINES' **BS151 Engine**

is a simple low cost turbojet with advanced features.

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). A 1.5 Kw alternator is integrated in the engine.

Engine's main features are:

Performance

Rated SLS thrust	192 Lb	(87 Kg)
SFC SLS	1.240 Lb/Lbf/Hr	
Airflow	2.75 Lb/Sec	(1.24 Kg/sec)
Altitude	35,000 ft	
Flight Speed	Mach 0.9	

Dimensions

Dry weight	66 Lb	(30 Kg)
Length	33.5"	(900 mm)
Max. diameter	10.8"	(275 mm)