

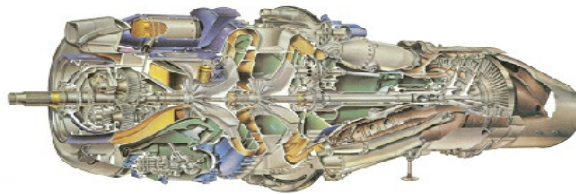
Repair Directory – Powerplant



Fields Airmotive is an experienced maintenance, repair and overhaul (MRO) centre for all models of Rolls Royce Dart turboprop engine. Fields is now one of the top Dart facilities world-wide with customers in Canada and throughout Africa. Listening to customers and focus on customer service are our hallmarks. We are experienced at tailoring shop visit outcomes to meet our Dart customer requirements.
 Test facility: Our test facility takes all marks of Dart, with full reporting and analysis.
 Logistics: Our material management personnel experience is extensive, and Fields Airmotive carries a significant inventory and has the knowledge and experience to source qualified materials at competitive prices for your engine.

All work is performed in accordance with Rolls-Royce standard Practices and capability includes:

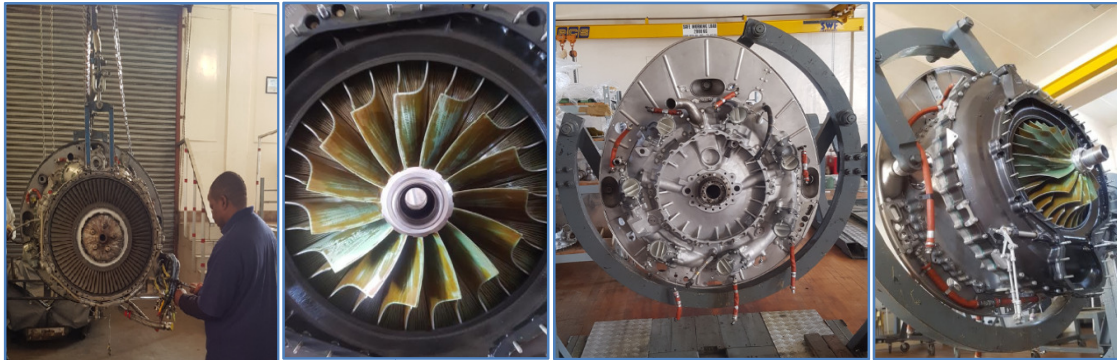
- Non-Destructive Testing
- Liquid penetrant, Magnetic particle, Eddycurrent and Conductivity inspection, Ultrasonic inspection, Radiographic inspection, Borescope
- Blasting Machines
- Plastic Media, Dry Aluminium Oxide, Vapour Blast, Glass Bead, Shot Peen
- Electroplating
- Cadmium Plate, Nickel Plate, Copper Plate, Chrome Plate
- Chromic Acid Anodising, Silver Plate, Nickel Cadmium Plating
- Welding
- TIG Welding Machines, Oxy-Acetylene Welding



Engine OEM	Model	Airworthiness Authority Approval held	
Rolls Royce	Dart Up to and including Overhaul	South Africa Civil Aviation Authority Transport Canada Kenya Civil Aviation Authority DRC Civil Aviation Authority	Approval Number 0143 Approval Number 9916-01 Approval Number K/AMO/F/103 Approval Number AAC.05-3.25
Pratt & Whitney	JT3	South Africa Civil Aviation Authority DRC Civil Aviation Authority	Approval Number 0143 Approval number AAC.05-3.26
Pratt & Whitney	PT6	DRC Civil Aviation Authority	Approval number AAC.05-3.25
CFM	56	South Africa Civil Aviation Authority Kenya Civil Aviation Authority DRC Civil Aviation Authority	Approval Number 0143 Approval Number K/AMO/F/103 Approval number AAC.05-3.26
Garrett	TPE331	DRC Civil Aviation Authority	Approval number AAC.05-3.25



Fields Airmotive has extensive in house capability in repair of RR Dart engines and this ensures close control of quality, turnaround time and price.



Repair Directory– Propeller



Propeller OEM	Model	Airworthiness Authority Approval held	
Dowty Rotol	R100 & R200 Series	South Africa Civil Aviation Authority DRC Civil Aviation Authority	Approval Number 0143 Approval number AAC.05-3.25
Dowty Rotol	R193/4-30-4/61	Kenya Civil Aviation Authority	Approval Number K/AMO/F/103
Hamilton Standard	23E50 Series	South Africa Civil Aviation Authority	Approval Number 0143



Repair Directory - Aircraft



Aircraft OEM	Model	Airworthiness Authority Approval held	
Boeing	DC8	South Africa Civil Aviation Authority Kenya Civil Aviation DRC Civil Aviation Authority	Approval Number 0143 Approval Number K/AMO/F/103 Approval Number AAC.05-3.26
British Aerospace	HS748	South Africa Civil Aviation Authority DRC Civil Aviation Authority	Approval Number 0143 Approval Number AAC.05-3.25
Gulfstream	G159	South Africa Civil Aviation Authority DRC Civil Aviation Authority	Approval Number 0143 Approval Number AAC.05-3.25
Fokker	F27	Kenya Civil Aviation DRC Civil Aviation Authority	Approval Number K/AMO/F/103 Approval Number AAC.05-3.25
Shorts	360	DRC Civil Aviation Authority	Approval Number AAC.05-3.26
Shorts	Skyvan SC7	DRC Civil Aviation Authority	Approval Number AAC.05-3.25

Note: Exact scope of approvals per civil aviation authority for the above are available on request



FIELDS AIRMOTIVE – SERVING AVIATION SINCE THE 1930s

Fields Airmotive’s heritage extends back for over 80 years. It started business as an aircraft operating company at Baragwaneth airport, south of Johannesburg in the early 1930’s. The parent of Fields in Africa was the Aircraft Operating Company (AOC) of London, which carried out aerial survey work in Africa with fleet consisting of a Puss Moth and a Dragon Rapide. The maintenance of the two aircraft was not enough to justify a special servicing team, so the team was made available to other aircraft operators. Thus APTL was created in 1935 with the decision to broaden the scope of APL to embrace technical representation of overseas aircraft and aeroengine manufactures in South Africa. World War II saw the staff join the South African Air Force and they reformed after the war in Rand Airport, where the company has remained ever since. Hunting family bought some shares in the AOC Company following the war. Hunting itself started when Charles Samuel Hunting entered the oil business in the 1890’s expanding a ship owning firm set up by his father. He pursued exploration prospects in Russia, built the first batch oil refinery on the Thames and ordering one of the first ever oil tankers becoming the largest independent tanker fleets in the world. After the Second World War Hunting expanded into all sorts of ventures, not always successfully, including aircraft servicing, manufacturing, airline business and a defence company whose precision engineering skills gave rise to the formation of an oil services company. Hunting name in aviation became synonymous with a range of military and civil aircraft including the Jet Provost. During this time when hostilities of World War Two ceased, Fields was soon to be reformed at Rand Airport and in 1952 the name of Field Aircraft Services (Africa) Pty Limited was adapted and the company moved into the Rand Airport premises vacated by South African Airways when they moved to Palmietfontein



Airport and later to Jan Smuts Airport. In 1956 the South African Airforce awarded Fields a maintenance and overhaul contract on Harvards and DC-3s, which it maintained for many years. In 1989 Hunting PLC was formed from the various divisions with the group and in 1992 all the world-wide aviation interests, in the Hunting PLC group were renamed to reflect their Hunting parentage and as such Fields became Hunting Aviation (Pty) Limited. Hunting PLC group in the 1990s started to divest its many non-core activities and today Hunting PLC is an international energy services provider that manufactures and distributes products that enable the extraction of oil and gas. In the late 1990s, portions of Hunting Aviation (Pty) Limited were taken over by private investors and renamed to its present Fields Airmotive cc name and continues to operate at Rand airport in the engine and airframe overhaul and maintenance business, drawing on its history and experience gained over 80 years operating on the African continent.



Specifications of Fields Airmotive current facility at Rand Airport, Johannesburg, South Africa

Hangar Building:

Main aircraft hangar with direct access to taxi-way
 33.2m Wide X 33m Length
 Height at roof apex 12.5m Height hangar side wall 9m

Secondary Hangar space /work area attached to rear of main hangar
 24m Wide X 33m Length

Hangar Backshop:
 24m(at widest point) X 8m Length

Additional Buildings:

Engine Overhaul Workshop: 452.5 Square Meters
 Engine Test bench Facility: 89.2 Square Meters
 Office & archives: 171.6 Square Meters

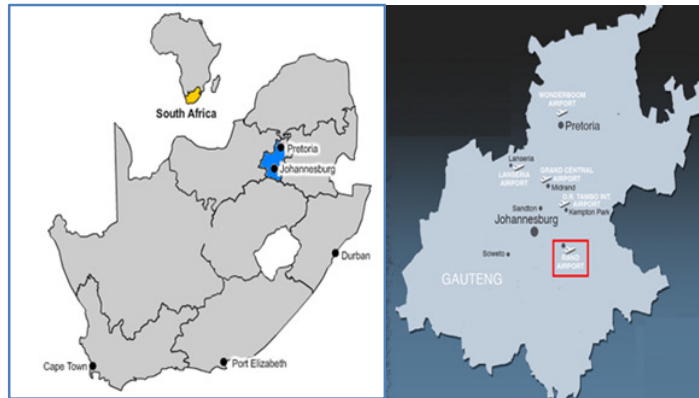
Rand Airport Details*

Longest Runway 5446ft (1660 X 15m) Asphalt
 Elevation AMSL 5,483 ft
 Coordinates 26°14'33"S 028°09'04"E

*For information purposes only



Rand Airport, Germiston, Johannesburg, South Africa



Fields Airmotive is located in South Africa's economic hub east of Johannesburg city, at Rand Airport. Fields has highway access to all the major surrounding airports including the two local international airports of OR Tambo International and Lanseria International airport. O.R. Tambo International Airport is Africa's biggest and busiest airport, facilitating approximately 19 million passengers a year.

