



SECTIONAL ARRANGEMENT - SGT-400 - TWIN SHAFT (CYCLONE)

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| 1. Air inlet casing | 13. Compressor turbine rotor tension bolt | 25. Power turbine rotor tension bolt | 37. Centre casing and bearing housing assembly |
| 2. Compressor bearing support member | 14. Boroscope plugs | 26. Power turbine casing and interduct assembly | 38. Centre bearing assembly |
| 3. Inlet thermocouple | 15. Compressor turbine outer casing | 27. Power turbine stage 2 rotor blades | 39. Compressor exit guide vane |
| 4. Compressor inlet bearing housing | 16. Interduct thermocouple | 28. Power turbine stage 2 stator blades | 40. 6th stage bleed air manifold |
| 5. Low pressure compressor stator casing | 17. Interduct | 29. Power turbine stage 1 rotor blades | 41. Compressor rotor tension bolt |
| 6. Variable stator blade mechanism | 18. Blow off valve assembly | 30. Power turbine stage 1 stator blades | 42. Variable guide vane actuating assembly |
| 7. Blow off valve | 19. Exhaust assembly | 31. Inner interduct | 43. Compressor intake bearing |
| 8. Burner assembly | 20. Power turbine bearing housing assembly | 32. Compressor turbine stage 2 rotor blades | 44. Variable inlet guide vane |
| 9. High pressure compressor stator casing | 21. Power take off coupling | 33. 2nd stage nozzle | 45. Tell tale drain |
| 10. Combustion chamber | 22. Power turbine rotor shaft assembly | 34. Compressor turbine stage 1 rotor blades | 46. Bearing oil supply |
| 11. Transition duct | 23. Power turbine thrust bearing | 35. 1st stage nozzle | 47. Labyrinth sealing air |
| 12. Compressor exit thermocouple | 24. Power turbine diffuser and support assembly | 36. Centre bearing oil supply and drain | 48. Water wash nozzle |