DASSAULT FALCON 900EX EASY Model Guide

The DASSAULT FALCON 900EX EASY is a three-engine business jet. The supplied documents cover its fire protection system and the mandatory airworthiness limitations in the maintenance manual. They contain no variant-specific performance, weight or price data. Read this guide as a pre-purchase inspection checklist, not a performance summary.

KEY TAKEAWAYS

- Fire protection uses six extinguisher cylinders, and the No 2 engine gets a two-cylinder discharge per percussion.
- Chapter 5-40 maintenance tasks and intervals are mandatory. Missing them leads to immediate suspension of the airworthiness certificate.
- Landing gear legs (both main and nose) have a 20000 landing life limit. Flap screw jacks are overhauled every 3500 or 4500 landings.
- Winglet-equipped aircraft (M5281) have chapter 5-40 validity limited to 4000 flights.

FIRE PROTECTION SYSTEM

Detection covers each engine, the APU, the baggage and rear compartments, and the wheel wells. Six cylinders provide extinguishing, and three portable 2.5 lb halon extinguishers are carried (the third is optional). A FIRE TEST button checks the warnings. A pressure gauge on each cylinder is the only way to tell if a cylinder was accidentally discharged on the ground.

MANDATORY LIMITS AND INTERVALS

The airworthiness limitations cover aircraft S/N 97 and 120 to 600. They set a Design Service Goal of 20,000 flights or 30,000 flying hours. Examples: flap asymmetry test every 450 FH, auto airbrake relay tests every 650 FH, and flight control hydraulic leak inspection every 4000 FH.

WHAT COUNTS AS A STANDARD AIRCRAFT

The program assumes an unmodified, standard aircraft with passenger-transport use. Regular cargo, training, search and rescue or research flying makes it non-standard. STC or non-approved repairs also make it non-standard. Check logs and records for any of these.

SAFETY NOTES

- Apply the emergency procedure even when an ENG FIRE DETECT FAIL message is displayed.
- The fire system documents are for training only and must not be used for flight.
- Operators must report corrosion level 2 or 3 findings on principal structural elements. The operator must keep the structure at level 1 or better.

AI-aggregated guide for the DASSAULT FALCON 900EX EASY · sources: Falcon 900EX Easy [Fire Protection Summary] (#101011) · MAINTENANCE MANUAL (#102890) · generated 2026-11-24 · Reference only, not for flight. Check the original documents before relying on this guide.