

DASSAULT FALCON 900EX EASY SYSTEMS SUMMARY



Equipment

The material contained on this site is to be used for training purposes only.

Do not use it for flight!

Please note that this document is not affiliated in any way with any aircraft manufacturer.

Falcon 900EX Easy [Equipment Summary]

INTRODUCTION

The Falcon 900EX EASy includes the following standard safety equipment on board the airplane:

FIXED EQUIPMENT	PORTABLE EQUIPMENT
<ul style="list-style-type: none">- therapeutic oxygen - first aid - (optional)- overwing exit ditching life line- emergency Locator Transmitter (ELT)	<ul style="list-style-type: none">- one crash axe- two flashlights- two smoke goggles- one smoke hood (Protective Breathing Equipment)- one safety demonstrative kit- one oxygen bottle + two individual masks- one first aid kit- three halon fire extinguishers- safety briefing cards (optional)- crew and passengers life jackets- three life rafts

Depending on customer requirements and on airplane configuration, the amount, type and locations of the above safety equipment may be changed to suit the customer operational environment.

Any changes to the standard equipment in amount, type and locations, requested by the customer, may result in weight and balance change.

Falcon 900EX Easy [Equipment Summary]



FLIGHT DECK OVERVIEW

Falcon 900EX Easy [Equipment Summary]

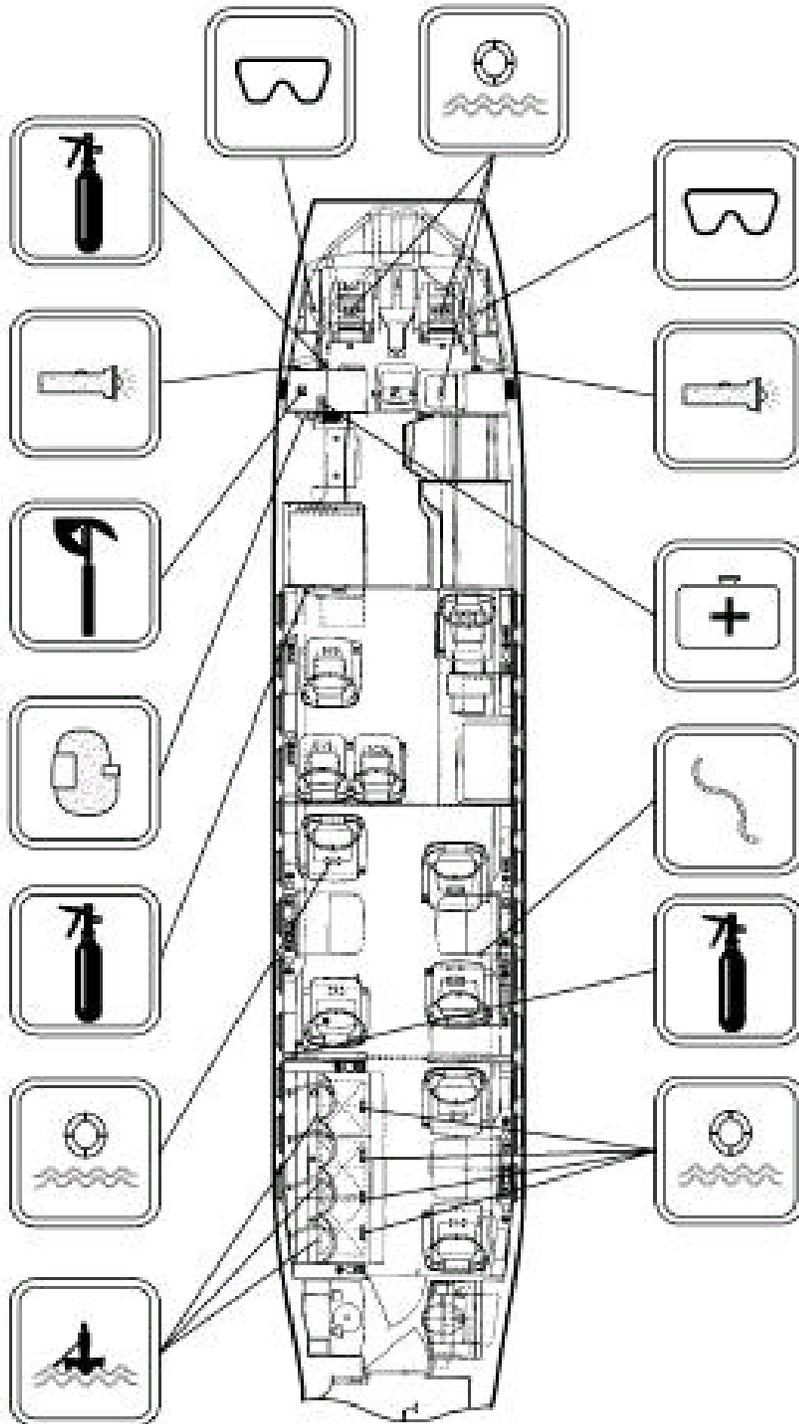
EQUIPMENT PLACARDS

All emergency equipment locations are indicated with placards.

SYMBOL	EQUIPMENT	SYMBOL	EQUIPMENT
	SMOKE GOGGLES		SMOKE HOOD
	CRASH AXE		EXTINGUISHER (HALON)
	PORTABLE FLASHLIGHT		FIRST AID KIT
	LIFE LINE		PORTABLE OXYGEN BOTTLE WITH TWO THERAPEUTIC MASKS
	LIFE RAFT		LIFE JACKET

SYMBOLS

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EQUIPMENT LOCATION – TYPICAL INSTALLATION

FIRE EXTINGUISHER

The airplane is usually equipped with three halon fire extinguishers mounted on:

- the forward side of the LH crew closet,
- the aft side of the LH auxillary galley,
- the RH forward side of the mid cabin partition.

This model of extinguisher is to be used on flames of electrical origin and dry fires. It is composed of:

- a cylinder,
- a trigger handle,
- a pressure gauge, provided with a green sector which is used to check the charging level,
- a safety pin,
- a lever.
- Instructions of use:
 - remove extinguisher from its support,
 - remove the safety pin,
 - press the lever while lifting the trigger handle,
 - direct spray toward the flame base,
 - release the lever to stop spraying,
 - make sure the fire is totally extinguished.

NOTE

A full discharge of the extinguisher lasts around 25 seconds.

CAUTION

Extinguisher should not be discharged in an unventilated enclosed area without breathing equipment. When fighting fires, keep away from the fire's fuel source and avoid breathing vapors, fumes and heated smoke as much as possible.

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FIRE EXTINGUISHER



SAFETY PIN

CRASH AXE

The crash axe is made of steel.

It is usually located in the LH crew closet and used to:

- open up an exit,
- break through a wall,
- strip carpet or interior panels in the cabin to stop fire spreading,
- achieve complete fire extinction by eliminating the smallest flames.



CRASH AXE

FIRST AID KIT

There is one first aid kit usually located in the LH crew closet.

It is composed of medications, bandages, and check-up equipment.

A first aid handbook contains instructions for use and describes other miscellaneous equipment.

This kit must be checked periodically to ensure that its content is still valid for use.

It must also be re-newed at regular intervals in compliance with the expiry date labels, and whenever required by circumstances.



FIRST AID KIT

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LIFE RAFTS

There are usually three life rafts located, in the cabin, under the rear sofa.

Life rafts are contained in a package with a coiled rope. It is used for fastening the raft to the airplane and for striking the compressed inert gas cylinder. Raft inflation is automatic.

Each life raft includes an emergency locator transponder (121.5 and 243 MHz, plus 406.025 MHz for public transport operation), basic survival equipment, one first aid kit, and food.

The capacity of the rafts is in accordance with the number of people on board.

In case of loss of one raft, the other(s) raft(s) is (are) rated to accommodate all the people on board using its (their) overloading capacity (usually 50% more).

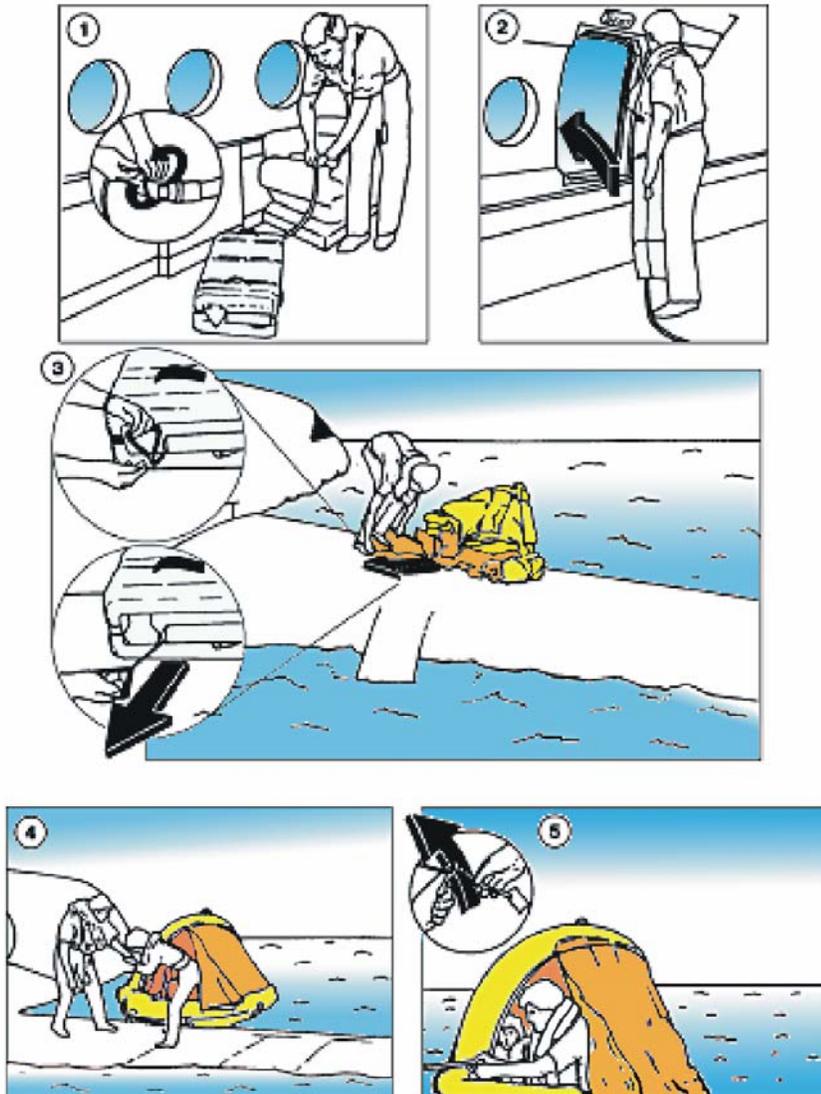


LIFE RAFT (STOWED AND INFLATED)

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Instructions for use:

- attach the tether line to the seat belt (1),
- throw the raft through the emergency exit (2),
- lift the flap and pull the handle to inflate the raft (3+4),
- cut the tether line (5).



INSTRUCTIONS FOR RAFT USE

WARNING

DO NOT INFLATE RAFT INSIDE THE AIRPLANE.

LIFE JACKETS

A life jacket is stored under each crew seat and in a compartment located within each cabin seat and sofa.

Life jackets feature the following accessories:

- an automatic inflation system using a gas cartridge (CO₂),
- a mouthpiece to inflate the jacket by blowing into the hose,
- a flashlight operating when in contact with water (24 hour duration)
- a whistle (not present in infant jackets).

In addition, crew life jackets feature signaling equipment.

Life jackets are designed to allow users to float on the water surface with the back of their head above water level.

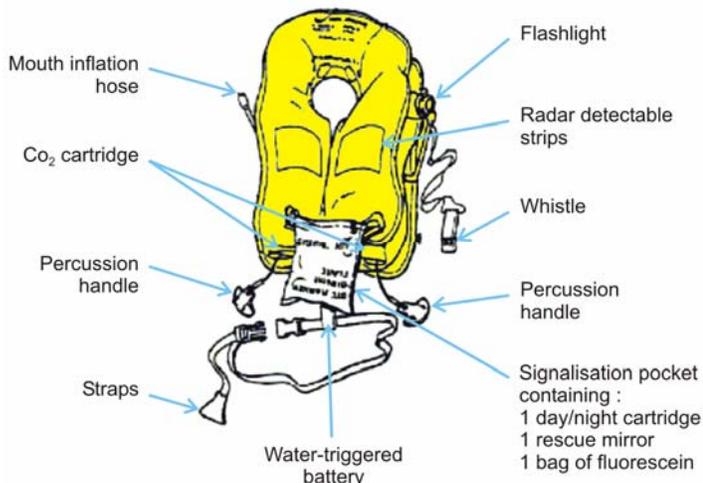
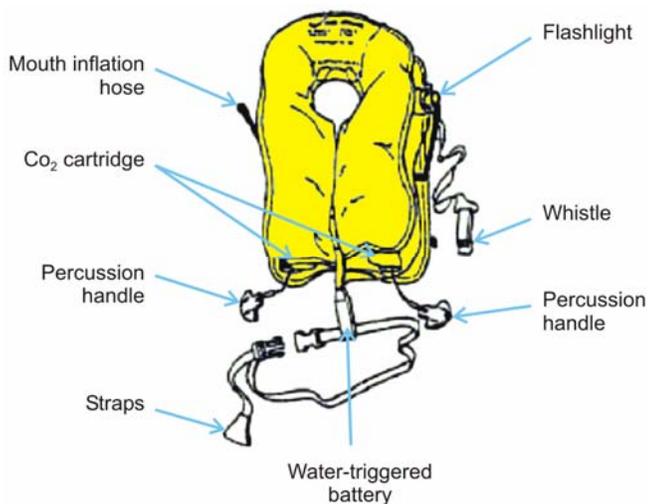


FIGURE 02-25-10-06 CREW LIFE JACKET



PASSENGER LIFE JACKET

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Instructions of use:

- put on the life jacket overhead around the neck,
- bring the straps around the waist and fasten the clips,
- after exiting the airplane, pull the percussion handles or blow into the mouthpiece to inflate the life jacket.

1



Remove life jacket from package

2



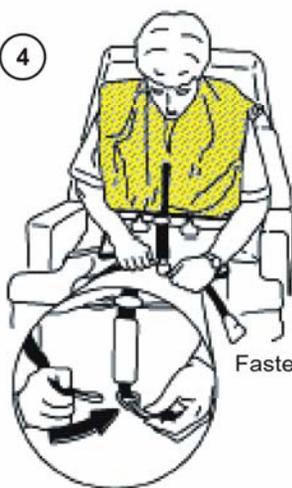
Pull life jacket over head

3



Bring straps around

4



Fasten clips

5



Pull to tighten

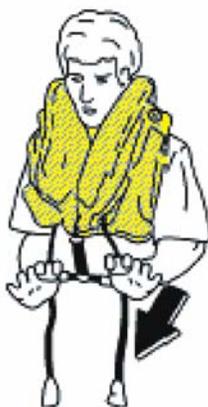
6



Pull tab for light (flashlight)

After exiting....

7



Pull percussion handles



Mouthpiece

MODE OF OPERATION (ADULT)

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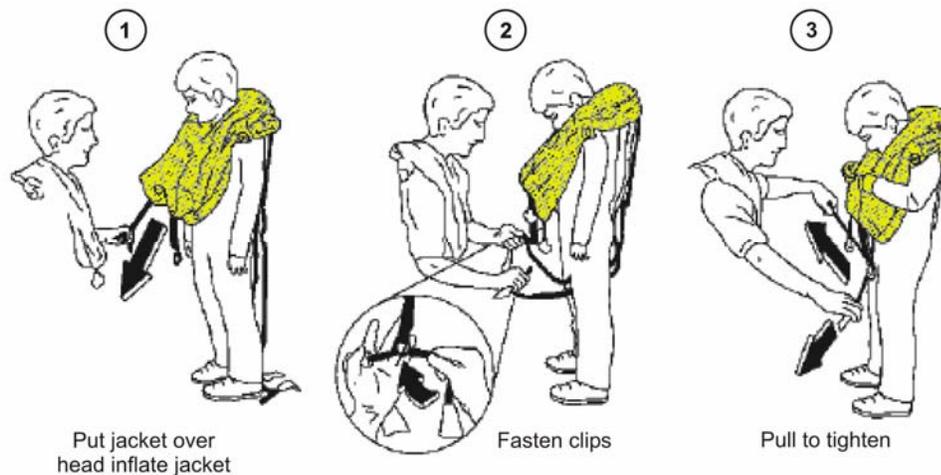


FIGURE 02-25-10-09 MODE OF OPERATION (CHILDREN)

FLASH LIGHTS

Two flashlights are provided and mounted within the flight deck area. They can be rechargeable in option.

DITCHING LIFE LINE

The life line is used to secure passengers and facilitate their exit off the airplane when after ditching evacuation is performed over the wing.

A ditching life line is installed at the emergency exit window and is attached to the airplane structure.

The life line is unwound up to the RH wing leading edge and attached to its anchor point indicated by the marking LIFE LINE surrounded by a red circle.

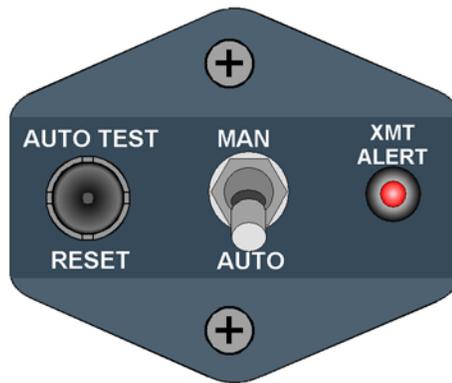


DITCHING LIFE LINE

EMERGENCY LOCATOR TRANSMITTER (ELT)

The Emergency Locator Transmitter (ELT) is a distress and localization radio beacon transmitter (121.5, 243 and 406.025 MHz). It is activated either by a strong impact or manually by the pilot from the instrument panel.

When active, the radio transmitter transmits an omnidirectional distress signal and help the rescue units localizing the airplane after a crash or forced landing.



ELT CONTROL PANEL

CONTROL	FUNCTION
MAN / AUTO switch: AUTO	Normal position
AUTO TEST pushbutton depressed	Buzzer and XMT ALERT red light activated <div style="border: 1px solid black; padding: 5px; text-align: center;"> NOTE No ELT transmission </div>
MAN / AUTO switch: MAN	Buzzer and XMT ALERT red light activated <div style="border: 1px solid black; padding: 5px; text-align: center;"> NOTE ELT transmission </div>

NOTE

In case of inadvertent depress of the AUTO TEST pushbutton, do not activate MAN / AUTO switch to MAN (to avoid ELT transmission). Just wait the end of the automatic test.

AC ELECTRICAL DISTRIBUTION (OPTION)

A 115 / 230 VAC pushbutton , located on the RH side console, permit an AC electrical distribution (115 or 230 V_{AC}) to the passengers.

On the cabin, a sketch indicates the location of all the outlets.

The information that the system will be switched off during TAKE-OFF or LANDING flight phases and cabin depressurization.



OFF is the default position



Electrical passengers distribution activated

1 push