

Avincis
Every mission matters



SIKORSKY S76

Specifications

www.avincis.com

ABOUT US

Avincis is one of the **world's leading emergency aerial services operators**. Our mission is to save lives and protect communities wherever we serve. The environment we work in is challenging and complex, but our purpose is clear.

As the largest provider of Helicopter Emergency Medical Services (HEMS), Search and Rescue (SAR), and aerial firefighting (AFF) in Europe - with additional operations in Africa and South America - governments trust us to deliver safe, reliable, and efficient services when their people are most in need.

If you haven't heard of us that's because although we have been doing this vital work for decades, we often operate invisibly on behalf of our customers who are predominantly government organisations.

In total, we operate from more than 180 bases across Spain, Portugal, Italy, Norway, Sweden, Finland, Mozambique and Chile.

We oversee our global operations, , from our headquarters in Lisboa, Portugal where we moved in 2023.

With a fleet of approximately **220 helicopters and aeroplanes**, Avincis counts on a team of more than **2,400 courageous and talented professionals**, including experienced pilots, crews, technicians, and support teams to deliver its unique service.

We are extremely proud of our diverse and multi-cultural workforce.

Our mixed fleet and global network of bases, means we

can mobilise aircraft between countries, which not only provides us with efficiency gains, but also demonstrates the size, capacity and resources of the company as a group. These factors mean we can offer our customers more cost-effective solutions and distinguish us from other operators in the market.

We don't just fly amazing aircraft, we also maintain and fix them in our facilities where our on-site engineers and technicians have the capability to carry out complex repairs, rebuilds and modifications.

We also have an awesome in-house R&D team who focus on developing new innovative technologies as well as new training capabilities for the next generation of pilots, technical crew and engineers.

Our experienced pilots are trained to fly in the most challenging environments - they are there when lives are at risk and time is of the essence.

With a unique combination of cutting-edge technology and highly skilled personnel we can run emergency operations with the world's best safety standards wherever we fly.



Our mission is to save lives and protect communities wherever we serve.

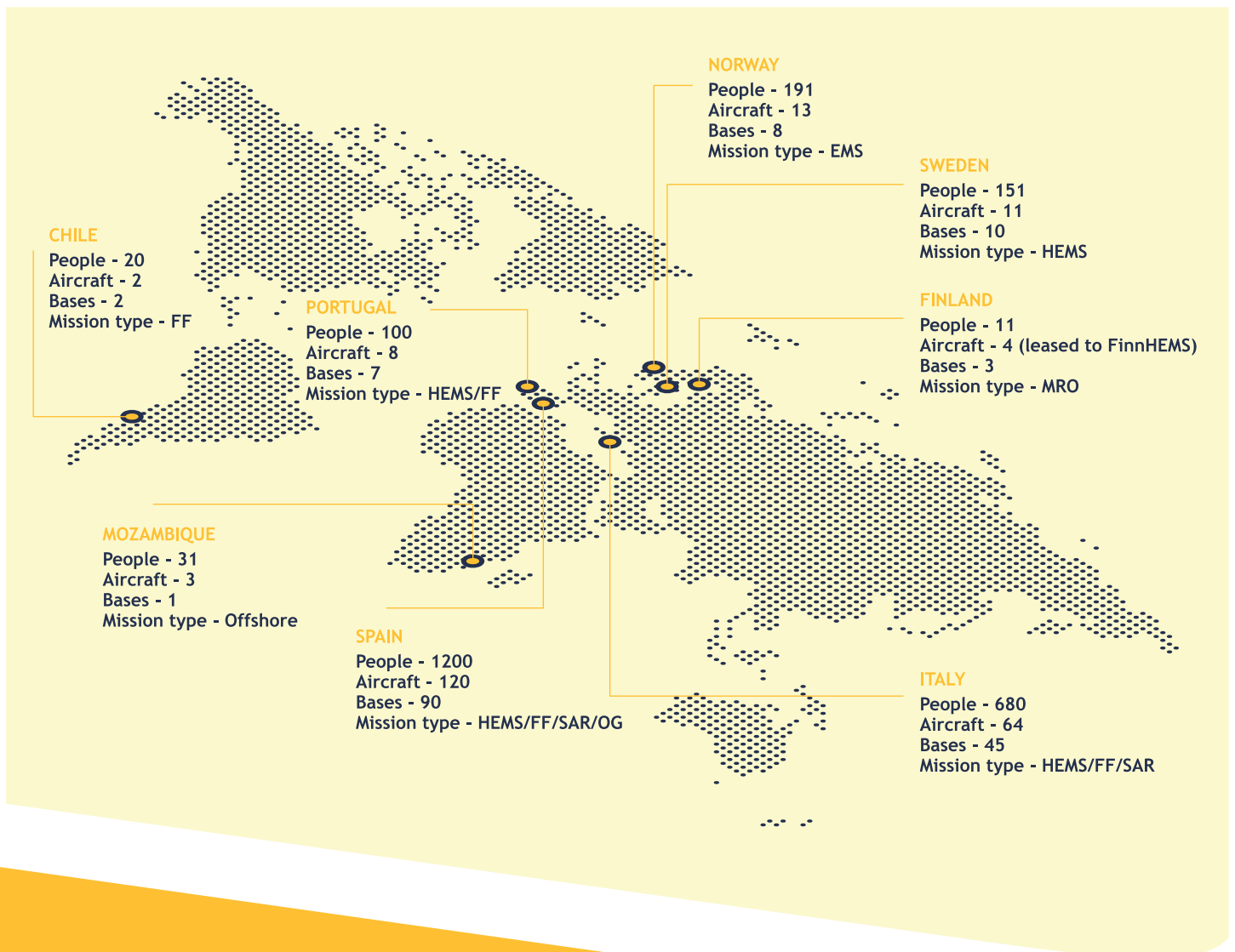
OUR NETWORK

55,000

WE COMPLETE APPROXIMATELY
55,000 LIFESAVING MISSIONS A YEAR

73,000

WE FLY APPROXIMATELY
73,000 HOURS A YEAR





SIKORSKY S76

OEM



NUMBER IN FLEET

2

AGE

18 years

TYPE

S-76

MISSION PROFILE TYPE

SAR

MAXIMUM TAKE-OFF WEIGHT (MTOW)

11700 Lb

VARIANT

S-76C+

ENGINE TYPE

2 x Safran Arriel 2S1

EMPTY WEIGHT, OFFSHORE EQUIPPED (AVERAGE)

-

TYPE

Rotary-Wing

STANDARD FUEL TANK CAPACITY

1883 Lb

CRUISE SPEED

138 KTS

MAXIMUM RANGE, STANDARD TANKS

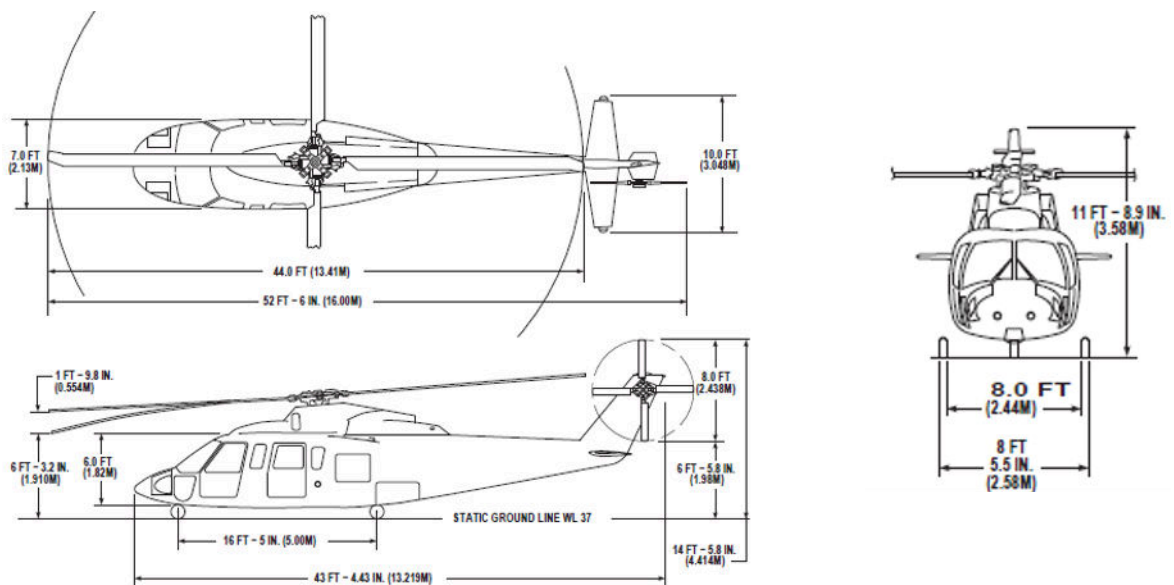
411 nm

MAXIMUM PAYLOAD

3250 Lb

GENERAL FEATURES

MAIN DIMENSIONS

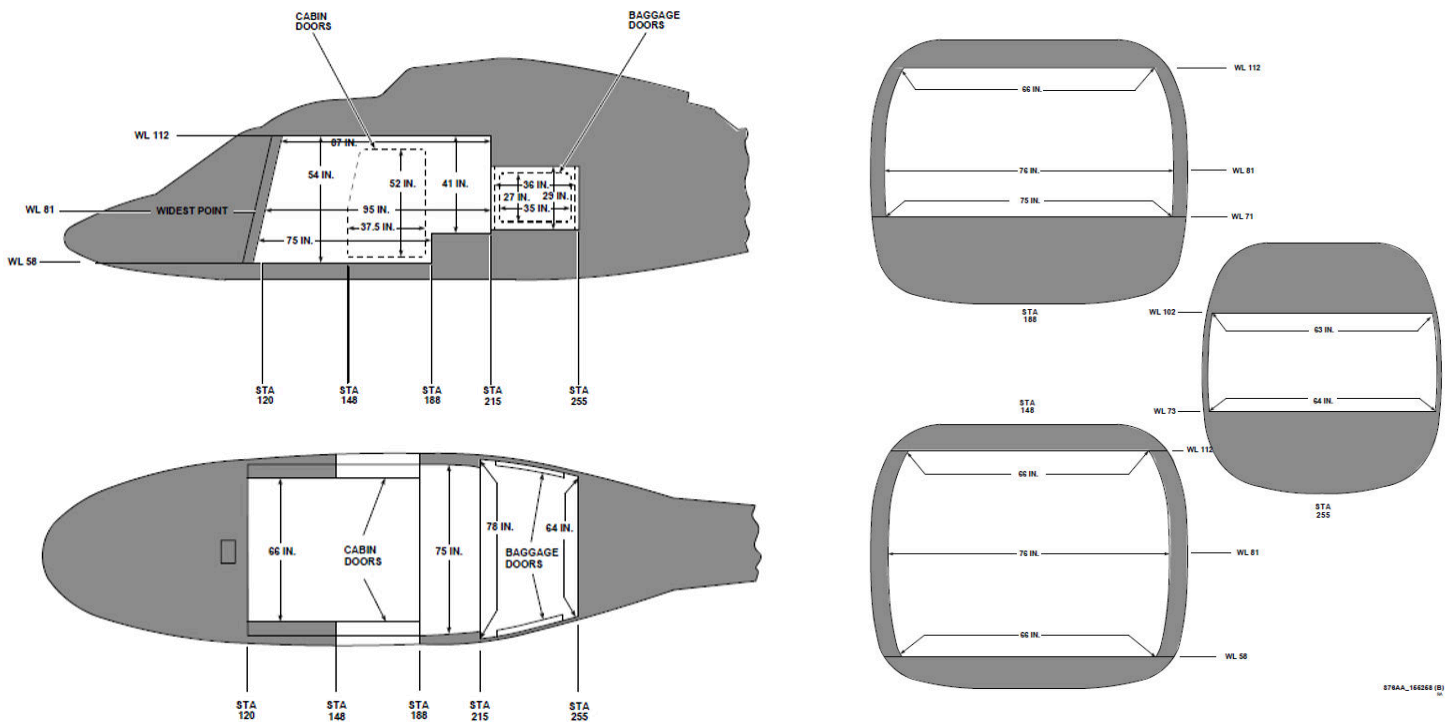




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GENERAL FEATURES

CABIN MAIN DIMENSIONS



STANDARD SPECIFICATIONS

COCKPIT

- An Integrated Instrument Display System (IIDS), with an easy to upgrade avionics package
- Bleed Air Heating Defogging system and dual windshield wipers
- Pilot and Copilot seats come with a five point Restraint system



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STANDARD SPECIFICATIONS

AVIONICS

Collins Proline II

- Dual Collins VHF 22A Comms and VIR 32 Navs
- Single ADF 462 ADF
- TDR 90 Transponder
- DME 42 DME with IND 42A Indicator
- ALT 55B Radio Altimeter with Expanded Scale
ALI 55A Indicator

Honeywell EFIS/DAFCS

- 4-Tube Honeywell EDZ 756 EFIS with 5" x 6"
Indicators Displaying Airspeed
- Altitude and Vertical Speed
- Dual Litef AHRS
- Dual Penny and Giles Air Data Computers
- Dual Honeywell Digital SPZ 7600 Automatic
Flight Control System
- Altitude Alert

Electrical

- 28 Volt Electrical System with two 200 Amp
Starter/Generators
- 10 KVA AC Generator
- Dual 375 VA Static Inverters
- Avionics and EFIS Master Switches

Audio

- Dual dB Systems Audio control panels with ICS
and VOX plus three maintenance jacks, one
in the cabin and two in the baggage
compartment
- Dual 45° pedestal mounted ICS foot switches
- Three David Clark Headsets
- One six-foot walk-around cord and two 30-foot
walk-around cords
- Cabin PA/Chime System, and a Passenger
Briefing System - PBS 250

Backup/Safety Systems

- 3" Backup Airspeed Indicator and Altimeter
- ADI- 335D Standby Attitude Indicator with
Nav1/Nav2 Select
- ELT 100HM, CVR 30A Provisions
- Electric Door Locks - Cabin

Weather Related Systems

- Wx Avoidance Radar - Primus 440
- Windshield Washer System
- Heated Glass Windshields
- Engine Inlet Snow Protection Kit



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STANDARD SPECIFICATIONS

INSTRUMENTS

Pilot Instrument Panel

- BATTERY, CAT A, STBY ATT SWITCHES
- STANDBY AIRSPEED
- STANDBY ALTIMETER
- EFIS
- BARO SET
- DME IND
- RAD ALT
- EFIS CONTROL
- AUDIO PANEL
- LDG GEAR
- MODE SELECTOR
- CLOCK
- COMPASS CONTROL
- WEATHER RADAR
- AIR DATA DISPLAY
- IIDS
- STANDBY ATTITUDE

Copilot Instrument Panel

- AFDS
- AIR SPEED BUGS
- IIDS
- KMD-550
- BEACON MODE
- CLOCK
- ENG/FLOAT TEST PANEL
- AUDIO PANEL
- MODE SELECTOR
- EFIS CONTROL
- RAD ALT
- AUX FUEL
- EFIS
- BARO SET

POWER PLANT / TRANSMISSION SYSTEM / ROTOR AND FLYING CONTROLS

Dynamic System

- Two Turbomeca Arriel 2S1 engines with FADEC
- Four blade articulated main rotor system with dual controls



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ADVANCED FEATURES

- Grease fittings (tail rotor pedal lube kit), STC SR00033NY
- Utility interior panels (carbon fiber), STC 01593NY-D
- Baggage compartment access panel, STC 01960NY-D
- Camera system, STC 01963NY-D
- MDF 124-F director finder system, STC 01962NY-D
- Dual Grimes searchlights, STC 01959NY-D
- Transponder Rockwell Collins TDR-94, STC 01958NY-D
- FMS UNS-1F, STC 01596NY-D
- Multi-flight display KMD 550, STC 01132NY-D
- Aircell ST 3100 satellite telephone system, STC 01608NY-D
- Concorde lead acid battery, EASA STC IM R.S. 01387
- Dart cargo mirror, STC SR00298NY
- Automatic float deployment system, STC SR01134NY-D
- Upgrade to VHF Collins 22C
- Polycon system

SAR FEATURES

- SAR modes
- Dual hoist installation:
 - Primary hoist, STC SR00535AT
 - Secondary hoist, STC SR02588NY
- Installation of Doppler CMA-2012C in place of Racal 91 Doppler, STC EASA 10070785
- Vertical visibility door window, STC SR01961NY-D
- AIS transponder

SAFETY FEATURES

- Air filter barrier, STC SR01616SE-D
- Eaton Zapper pulser, STC SR01472NY
- Heels, STC 01131NY-D
- Meggitt iHUMS, STC 01964NY-D
- Automatic deployable ELT Caledonian CPT900, STC 01954NY-D