



**AIRCRAFT** 1997 AS365N3

**PRICE** POA

**LOCATION** NETHERLANDS

**AIRFRAME**

AIRFRAME HOURS 9,858  
 AIRFRAME LANDINGS 21,306  
 CONFIGURATION SAR

## ENGINES

2 SAFRAN ARRIEL 2C TURBINE ENGINES PROVIDING EACH 729 KW (990CH - 977 SHP) SUPER CONTINGENCY RATING, FULL AUTHORITY DIGITAL ENGINES CONTROL SYSTEM

NUMBER 2 X SAFRAN ARRIEL 2C  
 LEFT - 72 L/H: 24,045  
 RIGHT - 72 R/H: 49,005

1 FUEL SYSTEM INCLUDING 5 TANKS SPLIT INTO 2 GROUPS, WITH A TOTAL USABLE CAPACITY OF 1,135 LITRES, 4 IMMERSSED BOOSTER PUMPS, 1 TRANSFER PUMP AND AN INDICATION OF LOW LEVELS. OPTIONAL A LONG-RANGE TANK CAN BE ADDED.

2 ENGINES LUBRICATION AND OIL COOLING SYSTEMS  
 2 FIRE DETECTION AND EXTINGUISHING SYSTEMS  
 2 ANTI-ICING AIR INTAKE GRIDS  
 2 PHASE ANGLE TORQUE METER SENSORS BUILT INTO THE ENGINES  
 2 ENGINES EXHAUST PIPES  
 ENGINE FLUSHING DEVICE

## GENERAL

FUSELAGE COMPRISING THE CABIN AND LUGGAGE HOLD  
 LUGGAGE HOLDS WITH FLOOR, TIE DOWN NET AND ACCESS DOOR  
 TAIL BOOM WITH STABILIZER FITTED WITH 2X LATERAL FINS AND TERMINATED BY A SHROUDED TAILROTOR BUILT INTO THE VERTICAL MAIN FIN  
 RETRACTABLE TRICYCLE LANDING GEAR WITH AXIALLY LOCKABLE CASTERING NOSE WHEEL UNIT, ASSISTED DIFFERENTIAL BRAKES ON PILOTS AND CO-PILOTS STATION AND PARKING BRAKE  
 3 HEATED PITOT HEADS  
 BUILD IN FOOTSTEPS 2 ON EACH SIDE FOR ACCESS TO THE TRANSMISSION DECK  
 ANTI-CORROSION PROTECTION  
 FIXED PARTS FOR MAIN ROTOR BLADE FOLDING  
 STRUCTURAL PROVISIONS FOR 1600KG CARGO SLING  
 STRUCTURAL REINFORCEMENTS FOR HOIST JACKING, HOISTING, MOORING AND GRIPPING POINTS

## CABIN

1 CABIN FLOOR CAPABLE OF THE VARIOUS OPTIONAL TYPES OF ARRANGEMENTS  
 2 REMOVABLE PILOT AND CO-PILOT HIGH BACK-REST SEATS, ADJUSTABLE IN REACH AND HEIGHT EACH FITTED WITH A SAFETY BELT AND SHOULDER 4-POINT HARNESS  
 SAR LAY-OUT  
 3 POINTS HARNESSES  
 2 PILOT AND CO-PILOT JETTISONABLE DOORS, EACH FITTED WITH A BAD WEATHER WINDOW AND AN INTERNAL STORAGE UNIT. DOORS WITH AIR INLETS  
 2 HINGED JETTISONABLE CABIN FRONT DOORS  
 2 ENLARGED AND BUBBLED REAR SLIDING DOORS WITH JETTISONABLE WINDOW FROM INSIDE AND OUTSIDE  
 1 INSTRUMENT PANEL, ONE CONSOLE AND ONE CEILING PANEL  
 DUAL FLIGHT CONTROL  
 ENGINE CONTROLS  
 ROTOR BRAKE CONTROL  
 1 HEATING/DEMISTING/VENTILATION SYSTEM  
 2 UPPER TINTED PANES  
 2 FRONT PLEXIGLASS PANES

### CABIN CONTINUED

2 WINDSHIELD WIPERS  
2 ILLUMINATED CHART HOLDERS  
2 HEADSET HOLDERS (SILEX)  
1 PORTABLE FIRE-EXTINGUISHER  
1 FLIGHT MANUAL  
FIRST-AID KIT JAR-OPS COMPLIANT

### AVIONICS

VHF-AM ROCKWELL COLLINS 422C (8.33 KHZ) (2X)  
INTER COMMUNICATION SYSTEM TEAM TB 31 WITH 3 CONTROL BOXES  
1976 (1 IN CABIN)  
PA WITH 4 LOUDSPEAKERS BAKER M1050  
THALES AHV-16 RADIO ALTIMETER  
ATC TRANSPONDER GARMIN GTX-330 (MODE-S)  
VHF/FM MARITIME NAT NPX-138  
CVR HONEYWELL AR COMBI  
UHF HONEYWELL KTR-909  
ADF HONEYWELL KDF-806  
DME HONEYWELL KDM 706A  
VOR/ILS HONEYWELL KNR-634A (2X)  
AIR DATA COMPUTER SHADIN ADC-2000  
GPS NAVIGATION FREEFLIGHT 2101 I/O APPROACH+  
SFIM CDV 155 FLIGHT DIRECTOR COUPLER  
TELEPHONICS RDR1400 WEATHER/SEARCH RADAR  
JEPPENSEN MAP SKYFORCE SKYMAP IIIC

### INSTRUMENTS

2 ALTIMETERS  
2 AIRSPEED INDICATORS WITH DIGITAL SPEED DISPLAY  
2 GYRO HORIZON  
2 SFIM CG130 + 4" HSI  
1 SELECTOR SWITCH FOR GYROCOMPASS #1 & #2  
2 RATE-OF-CLIMB INDICATORS, WITH PROVISIONS FOR RATE-OF-CLIMB PRE-SET  
ON PILOTS' SIDE  
1 RMI ON PILOTS' SIDE  
1 STANDBY GYRO HORIZON  
2 FUEL PRESSURE INDICATORS  
1 MAIN GEARBOX OIL PRESSURE AND TEMP IND  
2 HYDRAULIC PRESSURE GAUGES  
1 VOLTMETER  
1 AMMETER  
1 DUAL FUEL CONTENTS GAUGE  
1 FUEL CIRCUIT CONTROL AND INSPECTION PANEL  
1 ELECTRICAL CONTROL PANEL  
2 STOPWATCHES  
1 TRIPLE TACHOMETER FOR ROTOR AND 1&2 FREE TURBINES RPM ON PILOT'S SIDE  
1 ROTOR TACHOMETER ON COPILOT'S SIDE  
1 STANDBY MAGNETIC COMPASS  
1 OUTSIDE AIR TEMPERATURE INDICATOR  
1 WARNING PANEL  
2 MASTER ALARM LIGHTS  
2 MANOEUVRE LIMIT WARNING LIGHT  
1 OVERHEAD PANEL INCLUDING ENGINE CONTROL PANEL WITH 2 FIRE WARNING  
LIGHTS AND 2 DUAL  
FIRE EXTINGUISHING CONTROLS FOR ENGINE BAYS  
ICING DETECTOR  
1 LANDING GEAR POSITION SELECTOR AND INDICATOR  
1 AFCS CONTROL PANEL

### TRANSMISSION

1 MAIN GEARBOX  
1 TAIL GEARBOX  
1 MAIN GEARBOX OIL COOLING SYSTEM  
2 ENGINE/MAIN GEARBOX COUPLING SHAFTS  
1 TAIL ROTOR DRIVE SHAFT  
1 ROTOR BRAKE  
2 FREE WHEELS INTEGRAL WITH MAIN GEARBOX

### FLIGHT CONTROLS

1 MAIN ROTOR WITH 4 GLASS AND CARBON-FIBRE BLADES WITH STARFLEX HEAD FITTED WITH GUSTAND DROOP STOPS, MAST FITTED WITH ROTOR RPM PHONIC WHEEL  
1 FENESTRON TYPE TAIL ROTOR WITH COMPOSITE MATERIAL BLADES BUILT INTO THE VERTICAL FIN  
1 FLIGHT CONTROL SYSTEM, FITTED WITH 3 DUAL-CHAMBER/DUAL BODY MAIN SERVO UNITS (CYCLIC AND COLLECTIVE PITCH CHANNELS) AND 1 DUAL-CHAMBER/DUAL BODY REAR SERVO-UNIT (ON TAIL ROTOR PITCH CONTROL CHANNEL)  
1 SFIM PA155D DUPLEX-TYPE AUTO PILOT

### HYDRAULICS

2 INDEPENDENT HYDRAULIC SYSTEMS FEEDING THE SERVO-UNITS, LANDING GEAR ACTUATION SYSTEM AND ASSISTED BRAKES  
SELF-SEALING HYDRAULIC GROUND COUPLING  
1 STAND-BY HYDRAULIC SYSTEM WITH ELECTRO-PUMP FOR EMERGENCY ACTUATING OF THE LANDING GEAR, HYDRAULIC ASSISTANCE FOR FLIGHT CONTROLS TESTS ON GROUND WITH ROTOR STOPPED AND PARK BRAKE PRESSURE

### ELECTRICAL INSTALLATION

2 STATIC INVERTERS (800VA, 115/26V, 400HZ, 1PHASE)  
2 STARTER GENERATORS (4,8 KW, 28VDC)  
1 43AMP-HR CADMIUM-NICKEL BATTERY WITH TEMP DETECTOR  
1 EXTERNAL DC POWER RECEPTACLE  
1 INSTRUMENT WHITE/BLUE LIGHTING SYSTEM  
2 CABIN EXTENSION LIGHTS  
1 INSTRUMENT LIGHT FOR FLIGHT IN STORMY CONDITIONS  
1 CABIN DOME LIGHT  
4 CABIN LIGHT STRIPS  
1 LUGGAGE HOLD DOME-LIGHT  
3 POSITION LIGHT  
1 ANTI-COLLISION LIGHT  
RETRACTABLE LH LANDING LIGHT, ADJUSTABLE IN ELEVATION  
RETRACTABLE RH LANDING LIGHT, ADJUSTABLE IN ELEVATION AND IN AZIMUTH ALLOWING SEARCH LIGHT AND HOIST LIGHT  
1 CABIN POWER OUTLET (28VDC)  
1 EMERGENCY BATTERY FOR AUTOMATIC LIGHTING OF THE DOME LIGHTS AND SIGNS  
UNDER FUSELAGE ANTI-COLLISION STROBE LIGHT

### ADDITIONAL EQUIPMENT

DIRECTION FINDER CHELTON DF935  
HELICOPTER EMERGENCY EGRESS LIGHTING (HEEL)  
HR-SMITH CPI-503 ADELTA  
DUKANE DK120 ULB  
SAAB R4 AIS SYSTEM  
ICE DETECTION KIT

### OGP RECOMMENDED EQUIPMENT

IFR CERTIFIED  
AUTOPILOT OR AFCS  
2 PRIMARY TRANSCEIVERS WITH 1 VHF MINIMUM  
MODE C OR S TRANSPONDER  
ELT WITH TSO 126  
GPS (IFR TSO)  
1 ADF  
2 VOR/ILS & 1 DME  
INSTANTANEOUS VERTICAL SPEED INDICATOR (IVSI)  
RADIO ALTIMETER WITH AUDIO/VISUAL ALERT WITH ANALOGUE DISPLAY  
WEATHER RADAR WITH COLOUR SCREEN (MIN. SCALE 2,5NM)  
PUBLIC ADDRESS/INTERCOM SYSTEM WIRELESS  
CVR - AS MANDATED BY CAA  
AIRFRAME/ENGINE VIBRATION MONITORING SYSTEM  
UPPER TORSO RESTRAINTS, ALL SEATS  
1 FIRST-AID KITS  
2 FIRE EXTINGUISHERS WITH PRESSURE GAUGES PREFERRED  
EMERGENCY EXIT LIGHTING SYSTEM  
AIRCRAFT FLOTATION EQUIPMENT  
EMERGENCY POP-OUT WINDOW  
SONAR TRANSMITTER (PINGER)  
AUTO-INFLATION OF FUSELAGE FLOATS  
HEATING FOR CABIN  
LITTER KIT, CARGO HOOK, HOIST

### PROVISIONS

SAND FILTERS, FIXED PARTS  
AUXILIARY FUEL TANK IN THE HOLD, FIXED PARTS  
GOODRICH HOIST CLASS2 (272KG) FIXED PARTS  
SPECTROLAB SX-5 SEARCH LIGHT  
CARGO SLING WITH DYNAMOMETER AND ELECTRICAL MIRROR (1600KG) FIXED PARTS  
1 AIRBORNE KIT STOWING BAG

## OUR PHYSICAL FOOTPRINT



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