



OIL & GAS



ADF HONEYWELL KDF-806
DME HONEYWELL KDM 706A



GOODRICH HOIST CLASS 1 (272KG) FIXED PARTS
CARGO SLING WITH DYNAMOMETER AND
ELECTRICAL MIRROR (1,600KG) FIXED PARTS

2009 AS365N3

AIRCRAFT **2009 AS365N3**

PRICE **POA**

LOCATION **BELGIUM**

AIRFRAME

AIRFRAME HOURS	4,325
AIRFRAME CYCLES	9,110
CONFIGURATION	OIL & GAS

ENGINES

2 SAFRAN ARRIEL 2C TURBINE ENGINES PROVIDING EACH 729 KW (977 SHP - TAKE OFF POWER RATING), FULL AUTHORITY DIGITAL ENGINES CONTROL SYSTEM (NO MECHANICAL BACKUP NECESSARY)

NUMBER 2 X SAFRAN ARRIEL 2C
LEFT - 72 L/H: 24,264
RIGHT - 72 R/H: 24,596

GENERAL

FUSELAGE COMPRISING THE CABIN AND LUGGAGE HOLD
LONG NOSE
LUGGAGE HOLD WITH FLOOR, TIE DOWN NET AND ACCESS DOOR
TAIL BOOM WITH STABILIZER FITTED WITH 2X LATERAL FINS AND TERMINATED BY A SHROUDED TAIL ROTOR BUILD 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



BUILT 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
 11 STANDARD SEAT LAY-OUT
 4 POINTS HARNESSSES FOR 11 STANDARD SEAT LAYOUTS
 2 PILOT AND CO-PILOT JETTISON ABLE DOORS, EACH FITTED WITH A BAD WEATHER WINDOW AND AN INTERNAL STORAGE UNIT. DOORS WITH AIR INLETS
 2 HINGED JETTISON ABLE CABIN FRONT DOORS
 2 ENLARGED AND BUBBLED REAR SLIDING DOORS WITH JETTISON ABLE WINDOW FROM INSIDE AND OUTSIDE
 2 RETRACTABLE FOOTSTEPS
 CABIN UPHOLSTERY WITH SOUND PROOVING
 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
 2 WINDSHIELD WIPERS
 2 ILLUMINATED CHART HOLDERS
 2 HEADSET HOLDERS (SILEX)
 1 PORTABLE FIRE-EXTINGUISHER
 1 FLIGHT MANUAL
 1 FIRST-AID KIT EU-OPS COMPLIANT

FLIGHT CONTROLS

1 MAIN ROTOR WITH 4 GLASS AND CARBON-FIBRE BLADES WITH STARFLEX HEAD FITTED WITH GUST AND 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

INSTRUMENTS

2 X2 PFD/ND COLLINS MFD-255
 1 STANDBY GYRO HORIZON
 1 STANDBY ALTIMETER
 1 STANDBY AIRSPEED INDICATOR
 1 DUAL TORQUE, ON PILOT'S SIDE
 2 ENGINES EXHAUST PIPES TEMPERATURE INDICATOR
 2 ENGINES OIL PRESSURE AND TEMP INDICATORS
 2 FUEL PRESSURE INDICATORS
 1 MAIN GEARBOX OIL PRESSURE AND TEMP INDICATOR
 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 CO-PILOT'S SIDE
 2 NG INDICATORS (GAS GEN 1&2)
 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
 1 "L/G NOT EXTENDED" WARNING LIGHT
 SPARE SPACE FOR RADAR SCREEN AND COM/NAV EQUIPMENT
 ICING DETECTOR (ROSE MOUNT)
 1 LANDING GEAR POSITION SELECTOR AND INDICATOR
 1 AFCS CONTROL PANEL

AVIONICS

VHF-AM ROCKWELL COLLINS (2X) KTR 908
INTER COMMUNICATION SYSTEM TEAM TB 31 WITH 3 CONTROL BOXES 1976 (1 IN CABIN)
PA WITH 4 LOUDSPEAKERS NAT AA20-431
THALES AHV-16 RADIO ALTIMETER
ATC TRANSPONDER MST67A (MODE-S)
SSCVFDR HONEYWELL AR COMBI
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 85 D3 FLIGHT DIRECTOR COUPLER
TELEPHONICS RDR1600C WEATHER/SEARCH RADAR
UMS
HUMS FULL (M'ARMS)

POWER PLANT

1 FUEL SYSTEM INCL. 5 TANKS SPLIT INTO 2 GROUPS, WITH A TOTAL USABLE CAPACITY OF 1135 LITRES, 4 IMMERSSED BOOSTER PUMPS, 1 TRANSFER PUMP AND AN INDICATION OF LOW LEVELS
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



TRANSMISSION SYSTEM

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

HYDRAULIC SYSTEM

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

ADDITIONAL EQUIPMENT

EMERGENCY FLOATATION WITH AFDS
EXTERNAL AERAZUR (SR-10) LIFE RAFT INSTALLATION, INCLUDING CABIN
FOOTSTEPS
HELICOPTER EMERGENCY EGRESS LIGHTING (HEEL)
HR-SMITH CPI-503 ADELTA
DUKANE DK120 ULB
AVAD RACAL V694 100FT, CH, UC WARNING
FRONT GLASS INSTEAD OF PLEXIGLASS

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

RETROFITS

SATCOM (COMMUNICATION AND TRACKING) (SKYROUTER)
SSQAR INSTALLATION
VHF/FM INSTALLATION (NPX-138)
DF INSTALLATION (CHELTON)

PROVISIONS

SAND FILTERS, FIXED PARTS
AUXILIARY FUEL TANK IN THE HOLD, FIXED PARTS
GOODRICH HOIST CLASS1 (272KG) FIXED PARTS
CARGO SLING WITH DYNAMOMETER AND ELECTRICAL MIRROR (1600KG) FIXED
PARTS

OUR PHYSICAL FOOTPRINT



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