



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** IVORY COAST

**AIRFRAME**

AIRFRAME HOURS	3,100
AIRFRAME CYCLES	8,500
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: 24,512  
 RIGHT - 72 R/H: 24,451

**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  
 12 STANDARD SEAT LAY-OUT  
 4 POINTS HARNESSES 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 PROOFING  
 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  
 1 PORTABLE FIRE-EXTINGUISHER  
 1 FLIGHT MANUAL  
 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 AA30-431  
THALES AHV-16 RADIO ALTIMETER  
ATC TRANSPONDER MST67A (MODE-S)  
HF/SSB BENDIX KING KHF950  
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  
ENGINE FLUSHING DEVICE



### 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

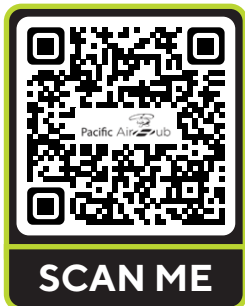
### RETROFITS

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

### 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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AFRICA



INDIA & SUBCONTINENT



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