



# 2002 Sikorsky S76C+

## Specifications and Summary

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# 2002 Sikorsky S76C+

**N22CP- S/N 760530**

**TOTAL TIME:** *(Times as of 10/27/2010)*

<b>TTAF:</b>	3619.8 hrs	
<b>LANDINGS:</b>	6792	
<b>MAIN GEARBOX:</b>	1595.5	
<b>INTERMEDIATE GEARBOX:</b>	3619.8	
<b>TAIL GEARBOX:</b>	3619.8	
<b>ENGINES:</b> (2) Turbomeca Arriel 2S1 Engines. Main Gearbox is -045 Quiet Technologies (QT)		
	<b>#1</b>	<b>#2</b>
<b>Serial Number:</b>	20615TEC	20607TEC
<b>SNEW:</b>	3356	3340
<b>Overhaul Due at:</b>	6841.7	6825.5
<b>CYCLES:</b>	N1: 3934	N1: 3868
	N2: 3148	N2: 3105

**NOTE:** Engines on Turbomeca SBH

Both engines (all 5 modules) were overhauled at 3341.7 Hrs. (L) and 3325.5 Hrs. (R).

**AVIONICS:** Honeywell SPZ 7600 System

**EFIS:** Honeywell EDZ 756

**COMMUNICATIONS:** (2) Rockwell/Collins VHF-22A VHF Comm Radios & (2) Rockwell/Collins RTU-4200 Radio Tuning Units (RTU's)

**NAVIGATION:** (2) Rockwell/Collins VIR-32 VHF Nav Radios

**FLIGHT CONTROL SYSTEM / AUTOPILOT:** (2) Honeywell SPZ 7600 Dual Digital Flight Guidance Control System

**RADAR:** Honeywell Primus 880 Weather Radar

**TRANSPONDER:** (1) Rockwell/Collins TDR-94D Mode S Transponder w/ Diversity and (1) TDR-90

**AUTOMATIC DIRECTION FINDER:** Rockwell/Collins ADF-462 ADF

**DISTANCE MEASURING EQUIPMENT:** (2) Rockwell/Collins DME-42 DME

**RADIO ALTIMETER:** (1) Rockwell/Collins Alt-55B Radio Altimeter

**AIR DATA COMPUTER:** (2) Penny & Giles Air Data Computers

**GLOBAL POSITIONING SYSTEM:** Universal UNS-1F FMS

**FLIGHT MANAGEMENT SYSTEM:** Universal UNS-1F FMS

**TRAFFIC COLLISION AVOIDANCE SYSTEM:** Bendix CAS-66A TCAS I

**TERRAIN AWARENESS AND WARNING SYSTEM:** Honeywell Mark XXII EGPWS

**LIGHTNING DETECTION:** Honeywell LSZ860

**ELT:** Artex C406-1HM 3-Frequency ELT with Nav Interface

**COCKPIT VOICE RECORDER:** Universal CVR 30B

**ADDITIONAL AVIONICS:**

Aircell Iridium Flight Phone with passenger handset and pilot's PTA-12 dialer

Dual Inverters

AvVisor – Cabin Display

PBS-250 Passenger Briefer System

Garmin GMX-200 MFD with TCAS Displayed and XM Aviator Weather

EMS SkyConnect Flight Tracker

Dual Bose Cockpit Audio Jacks

BF Goodrich ADI 335D Standby ADI

**ADDITIONAL AVIONICS CONTINUED:**

Dual JeppView UCD Terminals (one each side of glare shield)  
CMS400 Heads-Up Technologies Audio Checklist  
Dual Digital Clocks  
Cabin ICS with Handset  
Keith 21,000 BTU A/C System  
Parker Integrated Instrument Display (IIDS)  
Underwater Acoustic Beacon  
Standby Altimeter/Airspeed Indicator

**OTHER ITEMS:**

Floats  
Cocoon Noise Reduction  
Upper and Lower Anti-collision Light System  
Forward Facing Recognition Light System  
Pulse Light System  
Pilot Controlled Search Light  
Dual Landing Lights  
FDC Engine Barrier Filters  
Aircomm Flight Deck Heater  
Cabin Display (Altitude/OAT/Ground Speed)  
Two Door Speakers  
Left and Right Cabin Boarding Steps  
Baggage Compartment Liner Kit  
Digital Cabin Air Temperature Indicator  
Rosen Sun Visors  
Pilot's Heeds Bottles  
Tail Rotor Pedal Lubrication Kit  
Engine and Gearbox Fuzz Burner Kit  
Pilot and Copilot Goose Neck Map Lights

**WEIGHTS:**

**MAX TAKEOFF WEIGHT:** 11,700 Lbs.

**EMPTY WEIGHT:** 8337.3 Lbs.

**MAINTENANCE & INSPECTIONS:**

<u>LAST MAJOR INSPECTION</u>	<u>LAST COMPLETED</u>	<u>NEXT DUE</u>
Annual Calendar Inspection (12 month)	06/11/2010	06/30/2011
3 Year	06/26/2009	06/30/2012
1500 Hour Inspection	2816	4316

MAIN GEARBOX AND ROTOR

<u>COMPONENT</u>	<u>NEXT DUE*</u>	<u>COMPONENT</u>	<u>NEXT DUE*</u>
Main Gearbox	5,524	MR Shaft	7,174
MR Hub	18,000	Swashplate Guide	18,761
MR Blades	11,750		
Swashplate Assembly	19,200		
MR Horns	21,700		
MGB Upper Housing	9,476		
Spindle/Cuff Assembly	7,472		
Bearing Outer Race	4,591		
Elastomeric Bearings	19,600		
MGB Quill Shaft	9,877		

(\*Note: Next Due times based on Total Airframe Time except Engine Overhauls and HMUs which are based on Engine Times)

TAIL GEARBOX AND ROTOR

<u>COMPONENT</u>	<u>NEXT DUE*</u>
Tail Gearbox	4,000
TR Blades	20,000
TR Horns	12,000
Tail GB Output Shaft	On Condition
Outboard Retaining Plate	9,100
TR Blade Bonded Assembly	9,476

INTERMEDIATE GEARBOX AND OTHER

<u>COMPONENT</u>	<u>NEXT DUE*</u>
Intermediate Gearbox	4,500
Tail Drive Shaft Flex Coupling	3,705
Tail Drive Shaft Bearing Support	4,994 (FWD, AFT, MID)
Pitch AFCS Actuator	7,195/7,826
Roll AFCS Actuator	7,189/7,189
Yaw AFCS Actuator	7,022/6,962
Starter/Generator	4,341/4,099
Engine HMU's	8,148/2,525

**INTERIOR DESCRIPTION:** *(Softgoods refurbished June 2007)*

Deluxe VIP 6 passenger Cocoon Interior features tan interior leather seats. Two aft facing Executive seats on each side of the forward refreshment/storage center face the forward facing 4-place leather divan. The Refreshment Center includes an Ice Chest (overboard drain) and dual (non-heated) Liquid Containers. The Cabinetry is finished with High Gloss Aformosia Veneer. The Overhead and Side Panels are 3700 Ivory Ultraleather. Plating is polished 14K Gold. Electric door locks. Carpet is Twilight Taupe.

**EXTERIOR DESCRIPTION:** *(Original Paint, Painted December 2002)*

Overall Jet Glo White with light blue. Dark Blue and Gold Accent Stripes.

**HISTORY:**

- ▶ Aircraft Manufacture Date is December 2002
- ▶ Aircraft Entered Service August 2003
- ▶ One Fortune owner since new
- ▶ No Known Damage History

**NOTES:**

- ▶ Avionics enrolled in Honeywell HAPP
- ▶ Equipped with Emergency Floatation System
- ▶ Maintenance Tracking by AVTRAK
- ▶ Turbomeca SBH

**ASKING PRICE:** \$4,500,000 (USD)

*This aircraft is being brokered by Guardian Jet, LLC. Prospective purchasers are encouraged to conduct their own independent pre-purchase inspection as Guardian Jet, LLC makes no representations as to the airworthiness of the aircraft or the accuracy of the above information. Specifications subject to verification upon inspection. Aircraft subject to prior sale.*

09/15/10 SS

# Aircraft Photographs











