



SIKORSKY  
GROUND SUPPORT EQUIPMENT S-76<sup>®</sup> CATALOG

S-76C<sup>™</sup>

S-76C++<sup>™</sup>

S-76D<sup>™</sup>



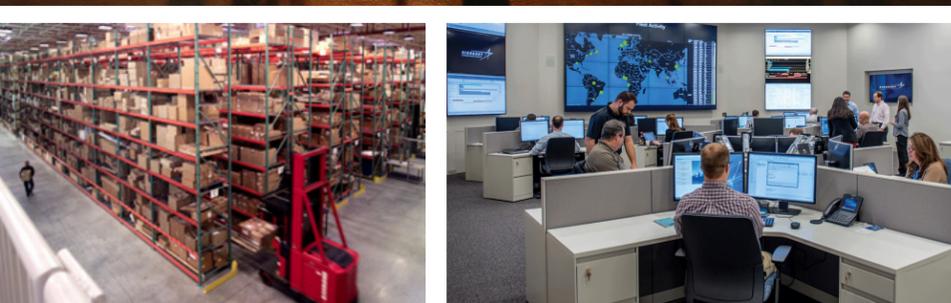


TABLE OF CONTENTS	
Category	Page #
Air Conditioning	1
Electrical Power	1
Engine	1
Engine Fuel and Control	1
Fire Protection	2
Flight Controls	2
Fuel	2
Hydraulic Power	3
Instruments	4
Landing Gear	4
Lifting and Shoring	4
Main Rotor	5 - 6
Main Rotor Drives	6 - 7
Mission Systems	7
Navigation	7
Power Plant	8 - 9
Servicing	10
Standard Practices	10
Tail Rotor	11
Tail Rotor Drives	12
Towing and Taxiing	13
Vibration	13
Weight and Balance	13
Contact Information	14

PARTS KEY	
Weight and Balance	
New Tool/Part Number Added to List	
Part Number for piece of GSE with different power ratings/applications	
Piece of GSE may be obsolete	

AIR CONDITIONING					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	A/C Recover, Recycle, Service	A/C service-p/n dependent on voltage requirement-see optional systems tab – for 110/115 VAC	37882	✓	✓
	A/C Recover, Recycle, Service	Air conditioning service - for 230VAC.	37886	✓	
	UX Validator, C4 System Set	Troubleshoot C4 Cabin climate system	08-0412-01	✓	✓

ELECTRICAL POWER					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	D/C Power Cable	REQ'D for ELE EXT. power	526020-007	✓	✓
	ELE Power Unit	External ELE power	121834-001	✓	✓
	Battery Analyzer (Model CA-1550)	Perform battery scheduled service check	4159	✓	✓
	Brush Wear Measuring Tool	To check the life of the Starter-Generator Brushes	6813A64		✓
	Test Set AFCS Actuators	Used in flight control rigging to manipulate AFCS actuators	76700-20042-041	✓	

ENGINE					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Engine Line Maintenance Kit	Tooling to perform "on-wing" maintenance	PWC65930		✓

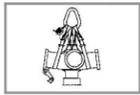
ENGINE FUEL AND CONTROL					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Engine Fuel Prime Pump	Prime engines with fuel after opening fuel system.	76700-40006-41		✓
	Oscillator	Testing fuel flow/totalizer system (Manufacturer: Precision)	PC-89	✓	✓

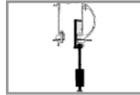
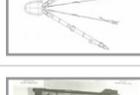
FIRE PROTECTION					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Flame Det. Test Set	Flame detector test	473155	✓	✓
FIRE CONTROLS					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	DC Power Supply	Adjust/Test collective position transducer (Manufacturer: Agilent)	E3634A	✓	✓
	Prop Protractor	Blade angle	KS2113	✓	✓
	Rigging Set	Rig flight controls	76700-20012-073	✓	✓
	SAS Positioner Test Set	AFCS actuators rigging check	76700-40012-042		✓
	Collective RVDT Breakout Box	Adjust main rotor servo	76700-40007-041		✓
	Tensiometer	Tail rotor cable tension	T5-2002-0104-00	✓	✓
FUEL					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Aeroflex Fuel Qty Test Set	Testing fuel flow/totalizer system (Manufacturer: Precision)	PSD30-2AF	✓	✓
	Fuel Integrity Tester	Check fuel system for leaks	SK2000FIT	✓	✓

HYDRAULIC POWER					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Hydraulic Power Adapters	Quick HYD disconnects	KHC1004	✓	✓
	Hydraulic Power Unit	200V/50HZ/3PH, HYD PWR unit	52202EA 5ADGN*	✓	✓
	Hydraulic Power Unit	208V/60HZ/3PH, HYD PWR unit	52202EA 0ADGN	✓	✓
	Hydraulic Power Unit	230V/60HZ/3PH, HYD PWR unit	52202EA 1ADGN	✓	✓
	Hydraulic Sampling Valve	HYD oil samples	139-1-4SS	✓	✓
	Patch Test Kit	HYD oil sampler kit	XX65 047 30	✓	✓
	Hydraulic Servicing Unit	Service HYD. system	1102SP	✓	✓
	Lock washer Installation	Replace hydraulic pump; AC generator and cooler blower drive seals.	76700-20082-041	✓	✓
	Lock washer Remover	Main gear box, replace input seal.	76700-20066-043	✓	✓
	Main Rotor Servo Test Set	Main rotor SERVO test	76700-20161-041 & -043	✓	✓
	Step Plate Adapter	Hydraulic pump seal REPMT	8058	✓	✓
	Wrench/Reactor	Main gear box hydraulic pump nut	76700-20109-041	✓	✓
	3 Jaw Puller	Hydraulic pump seal REPMT	1021	✓	✓

INSTRUMENTS					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Pitot/Static Tester	Instrument calibration	ADTS 405F	✓	✓
	Adapter, Pitot/Static	Instrument calibration	S76-612	✓	
	Adapter, Pitot/Static	Instrument calibration	S92-723		✓

LANDING GEAR					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Nitrogen Servicing	Service aircraft with nitrogen	S486JN30	✓	✓
	Tire Inflator Kit	Service tires	M85352/1	✓	✓
	Tire Pressure Gauge	Used to check tire pressure (0-200 psi)	14-6806-6011	✓	✓
	Vacuum, Floatation Test	Remove air from floats	0823V103-G271X	✓	✓

LIFTING AND SHORING					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	A/C Hydraulic Jacks (3REQD)	Air jack	02-0511-0132	✓	✓
	Jacking Bracket (2)	Nose landing gear (2 Req.)	76700-20022-101	✓	✓
	Jacking Bracket (4)	Main landing gear (4 Req.)	76700-20022-102	✓	✓
	Sling Assembly	Lift complete A/C	76700-20001-041	✓	✓

MAIN ROTOR					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Barb Fitting (2 Req.)	Bleed dampers	1-8X10-32	✓	✓
	Bearing Installation	Main rotor spindle BRG replacement	76700-20044-101	✓	✓
	Blade Handler	Main rotor blade replacement	76700-20031-041	✓	
	Blade Clamp	Main rotor blade replacement	76700-102510041		✓
	Bolt Installer	Attach main rotor hub to MGB shaft	76700-20023-41	✓	✓
	Bushing (2 Req.)	Bleed dampers	AN894D4-3	✓	✓
	Bushing REM/Installer	BIFILAR	76700-20014-047	✓	✓
	MRB/TRB Adapter	Mount on transport cart to hold and move main rotor blades	76700-40001-041		✓
	Puller, Droop Stop	Main rotor spindles	76700-20032-043	✓	✓
	Sleeve Install/Remover	Main rotor spindles	76700-20033-42	✓	✓
	Sling Lifting	Main rotor head	76700-20134-041	✓	✓
	Thrust Unit	Main rotor spindle BRG replacement	76700-20043-044	✓	✓
	3 Jaw Puller	Hydraulic pump seal REPMT	1021	✓	✓
	Torque Reactor	Remove/install damper rod end	76700-20017-041	✓	✓

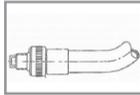
## MAIN ROTOR - CONTINUED

Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Transport Cart	Base for adapters to mount dynamic aircraft components	4920-EG-081-1	✓	✓
	Trim Tab Set	Bends the MRB trim tabs for blade track	70700-20308-041	✓	
	Trim Tab Set	Bends the MRB trim tabs for blade track	92700-10313-045		✓
	Valve (2 Req.)	Bleed dampers	P3-500	✓	✓
	Wrench	Remove/Install damper rod end	76700-20016-041	✓	✓
	Wrench	Attach M/R/ HUB to MGB shaft	76700-20019-041	✓	✓
	Hub Pilot Removal Tool	Remove Pilot from MR hub	76700-20204-041	✓	✓

## MAIN ROTOR DRIVES

Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Lock washer Instl.	Main gear box/ENG input lock washer	76700-20082-004	✓	✓
	MGB/QCU Adapter	Mount transport cart to hold and move main gearbox	76700-40002-041		✓
	REMV/INSTL, Chip Det.	Remove/Install MGB chip detector	76700-20203-041	✓	✓
	Seal Installer	Main gearbox/ENG input seal/rear liner	76700-20102-106	✓	✓
	Seal Installer	Main gear box A/C generator seal/main gear box blower	76700-20102-107	✓	✓

## MAIN ROTOR DRIVES - CONTINUED

Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Sling Assembly	Main gear box/QCU	76700-20008-045	✓	✓
	Sump Drain Adapter	Drain gear box oil	D734	✓	✓
	Torque Reactor	Main gear box oil blower nut	76700-20084-041	✓	✓
	Wrench Assembly	Main gear box oil blower nut	76700-20083-041	✓	✓

## MISSION SYSTEMS

Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	NVD Infinity Focus System	Performs infinity focus and mech adjustment for NVG	ANV-20/20	✓	✓
	ARTEX Hand-held Programmer	Program ELT	455-9181	✓	✓

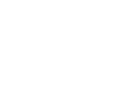
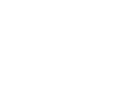
## NAVIGATION

Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Test Set, Navigation	LOC/GS, MB UHF/VHF	T-36M	✓	✓
	Test Set, VOR/ILS/MB RAMP	Test VOR/ILS/MB	NAV-4000AP, IFR System		
	Test Set, Transponder	Test transponder/TCAS DME mode S	TR-220		

POWER PLANT					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	<b>Alignment Bar</b>	Check the alignment of the engine drive shaft and TDS	76700-20120-042	✓	✓
	<b>Bearing Installer</b>	REP SWASHPLATE/SPHER bearing	76700-20015-041	✓	✓
	<b>Bleed Valve Blanking</b>	Required for engine washing, cleaning and protection	8816517000	✓	✓
	<b>Bleed Valve Blanking</b>	Cover for bleed tube opening, required for engine washing, cleaning and protection (Comes with each shipped engine.)	30L0324-01	✓	✓
	<b>Borescope Guide</b>	Used to direct borescope lens in engine compressor section.	8819571000	✓	
	<b>Borescope Kit</b>	Allows close up view of compressor and turbine blades inside engine.	21C741P01	✓	✓
	<b>Engine Adapter</b>	Fit engine, when engine is off the aircraft. Adapter will be able to mount to 48" Rail Trailer or stand alone	76700-40003-041		✓
	<b>Engine Alignment Kit</b>	Check alignment of power output shaft with engine and MGB mounts	76700-40004-041		✓
	<b>Engine Lifting Sling</b>	Installation/removal of engine on aircraft	76700-10252-041		✓
	<b>Fitting Adapter</b>	Required for the inspection and check procedures of the low oil pressure.	8818339000	✓	
	<b>Fitting Adapter</b>	Used to do inspection and check procedures of P3 air pressure transmitter	8819387000	✓	
	<b>Fitting Adapter</b>	Used to do inspection and check procedures of the fuel filter pre-clogging pressure switch.	8819389000	✓	
	<b>Fitting Adapter</b>	Used to do inspection and check procedures of the low fuel pressure switch.	8819795000	✓	
	<b>Flow Limiter Assembly</b>	Required for engine flushing and washing	8819505000	✓	

POWER PLANT - CONTINUED					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	<b>Igniter Plug Gauge</b>	Measures the thickness of the shims for igniter plugs and start injectors	8812331000	✓	
	<b>Immobilizer Tool</b>	Install and remove the nut of the output shaft flange	8819570000	✓	
	<b>Mag Seal Installer</b>	Install the Magnetic Seal type seals on their seal-carrier cages	8818171000	✓	
	<b>Modular Support</b>	Install and hold the engine during the removal, installation and replacement procedures of the modules.	8817986000	✓	
	<b>Oil Press Tapping Tube</b>	Required for the inspection and check procedures of the engine oil pressure.	8816540000	✓	
	<b>Permeability Check Tool</b>	Used to check the permeability of the injection wheel	8816968000	✓	
	<b>Spraying / Tank Assembly</b>	Require for engine, flushing, washing, cleaning and protection	TM0188G002	✓	✓
	<b>Torque Reactor</b>	Engine input seal	76700-20177-041	✓	✓
	<b>Viscometer</b>	Required for the detection and assessment of the rate of dilution of the fuel in the oil.	8819252000	✓	
	<b>Wrench</b>	Engine input seal	76700-20176-041	✓	✓
	<b>Engine Compressor Wash Cart</b>	Self-contained unit required for engine washing, cleaning and protection.	TEWS-LH	✓	✓
	<b>Engine Maintenance Covers</b>	Required for open engine maintenance	SYK-S76D-6		✓
	<b>Chip Detector Drain Hose</b>	Hose used to drain engine oil from the chip detector port of engine.	ST6571-01		✓

SERVICING					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Hand Grease Gun	Grease aircraft	1056SE2	✓	✓
STANDARD PRACTICES					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Dial Indicator	Shaft run-out	599-7739	✓	✓
	Eddy Current Tester	NDI testing	ED-520	✓	✓
	ELE Repair Tools	Electrical repair RQMTS	DMC378	✓	✓
	Hand Held Multimeter	Electrical repair RQMTS	FLUKE 27	✓	✓
	Safe-T-Cable Tool Kit	ALT to safety wire (.020 & .032)	DMC1000-20R	✓	✓
	TQ Wrench (200 - 1000in.lbs)	Torque nuts/bolts	QD2R1000	✓	✓
	TQ Wrench (40 - 200in.lbs)	Torque nuts/bolts	QD1R200	✓	✓
	TQ Wrench (320 - 1600in.lbs)	Torque nuts/bolts	QD3R1600	✓	✓
	TQ Wrench (0 - 600Ft.lbs)	Torque nuts/bolts	TQ602LA	✓	✓
	TQ Wrench (0 - 30in.lbs)	Torque nuts/bolts perform drag TRQ checks	TE3FUA	✓	✓

TAIL ROTOR					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Puller, Pitch beam	Tail rotor pitch beam	76700-20132-041	✓	✓
	Wrench	Remove nut on pitch shaft and used with 76700-20129-102	76700-20127-41	✓	✓
	Torque Reactor	Remove nut on pitch change shaft and used with 76700-20127-041	76700-20129-102	✓	✓
	Shim Gage	Tail rotor (4 required)	76700-20156-041	✓	✓
	Shim Gage	Tail rotor (4 required)	76700-20156-042	✓	✓
	Screw Compress	TRBs Snubber Bearing	B40-926377	✓	✓
	Puller, Pitch beam	Tail rotor pitch beam	76700-20132-041	✓	✓
	Wrench	Remove nut on pitch shaft and used with 76700-20129-102	76700-20127-41	✓	✓
	Torque Reactor	Remove nut on pitch change shaft and used with 76700-20127-041	76700-20129-102	✓	✓
	Shim Gage	Tail rotor (4 required)	76700-20156-041	✓	✓
	Shim Gage	Tail rotor (4 required)	76700-20156-042	✓	✓
	Screw Compress	TRBs Snubber Bearing	B40-926377	✓	✓

TAIL ROTOR DRIVES					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Alignment Fixture	Tail rotor drive shaft alignment-check alignment TDS supporters	76700-20025-045	✓	✓
	Alignment Plate Assembly	Align #5 tail rotor drive shaft	76700-20026-041	✓	✓
	Torque Adapter, TDS Flex Coupling	Remove/Install Nuts on #1 tail rotor drive shaft Flex Coupling	76700-40005-101		✓
	Lifting Eye	Tail gear box assembly	76700-20124-101	✓	✓
	Seal Installer	Intermediate gear box input/output seal	76700-20117-101	✓	✓
	Seal Installer	Tail gear box output seal (SB8208)	76700-20125-041	✓	✓
	Seal Installer	Tail gear box output seal (SB8207)	76700-20126-101	✓	✓
	Sump Drain Adapter	Drain gear box oil	H538A3	✓	
	Sump Drain Adapter	Drain gear box oil	2G7884		✓
	Torque Reactor	Main gear box TTO nut/INT gear box/tail gear box input nut.	76700-20103-041	✓	
	Torque Reactor	Main gear box TTO nut/INT gear box/tail gear box input nut.	76700-20103-042		✓
	Wrench Assembly	Main gear box/TTO nut-intermediate gear box input nut.	76700-20100-042	✓	✓
	Wrench Assembly	Main gear box input seal	76700-20101-041	✓	✓
	Wrench Assembly	Main gear box/ENG input seal	76700-20101-045	✓	✓

TOWING AND TAXIING					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Tow Bar, Cable Cutters	Tow aircraft with cable cutter on nose	01-1285-0000	✓	✓
	Tow Bar, FLIP	Tow aircraft with FLIP on nose	01-1220-0000	✓	✓
	Tow Bar, Standard	Tow aircraft	01-1127-0000	✓	✓
	Tow Bar, Telescope	Tow aircraft	01-1127-0006	✓	✓

VIBRATION					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	RADS - At Basic Set	Vibration analysis	29333306	✓	
	RADS+C8 At S-76EMS/VIP Kit	Vibration analysis	29764501	✓	
	RADS- At S-76C Adapter	Vibration analysis	29764502	✓	

WEIGHT AND BALANCE					
Picture	Part Name	Quick Fact:	Part Number	S-76C++™	S-76D™
	Load Cell Kit	Perform weight and balance of aircraft	M2000-3-10CS	✓	✓

# THE SIKORSKY ADVANTAGE



## Starts with a safe and intelligent aircraft, then add:

- World class fleet analytics using OEM expertise
- Predictive and preventive support solutions
- Extensive inventory
- Maintenance, Repair and Overhaul expertise
- Global Support Centers and Field Service Reps
- B2B solutions and customized portals.

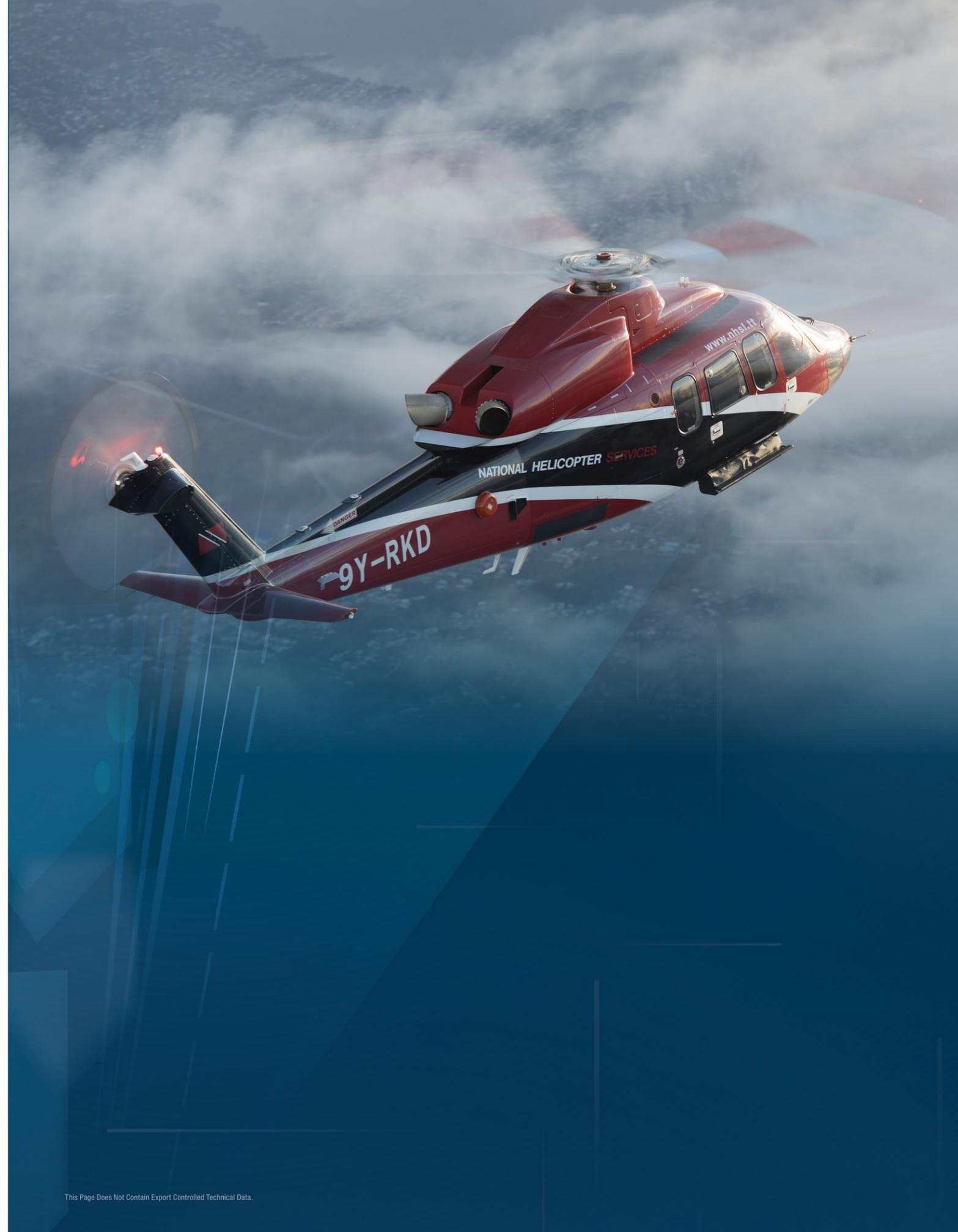
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