

INSTALLATION INSTRUCTIONS

1. Remove wires and attaching hardware from old solenoid.
2. Remove the old solenoid and mount the new solenoid in its place using new or existing mounting hardware.
3. In some older installations, the ring terminals on the large wires may be too small to fit on the large terminals of the new solenoid. In this case, ream the ring terminals to fit or replace the old ring terminals with new ring terminals that have a 5/16" hole.
4. Slip the ring terminal of the small wire onto the S terminal of the new solenoid and secure with provided hardware. Torque to 20in-lb.
5. Slip the ring terminals of the large wires onto the large terminals of the new solenoid. For Master (battery) solenoid installation, ensure that the wire from the battery + terminal is attached to the solenoid terminal labeled BATTERY. Secure the wires with the hardware provided and torque the nuts to 40in-lb - **ALWAYS BACKING UP THE NUT CLOSE TO THE SOLENOID BODY WITH A WRENCH WHILE TIGHTENING THE OUTER NUT.**
6. When replacing a Master or a Starter solenoid that has two small terminals, find the wire connected to ground (airframe), cap it, insulate it and tie the wire back safely. Attach the other small wire to the new STS-M12/STS-M24 or STS-S12/STS-S24 solenoid's S terminal. If there is a diode between the two smaller wires, leave it in place.

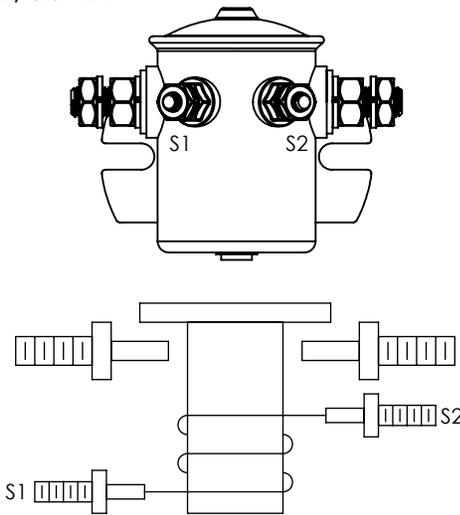
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

Replace unit after 30 years in service.
No other periodic inspection or maintenance is required.

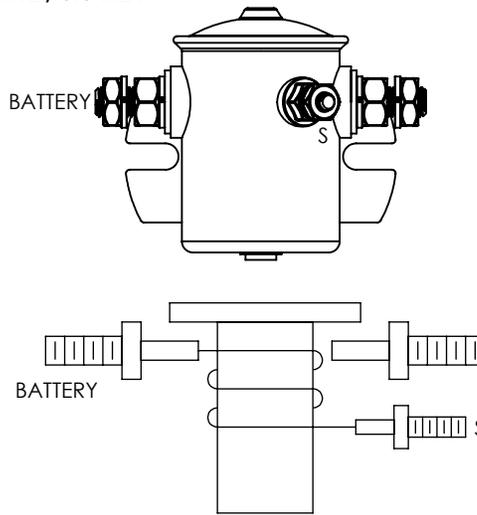
REVISIONS

ZONE	REV.	DESCRIPTION	DATE	APPROVED
------	------	-------------	------	----------

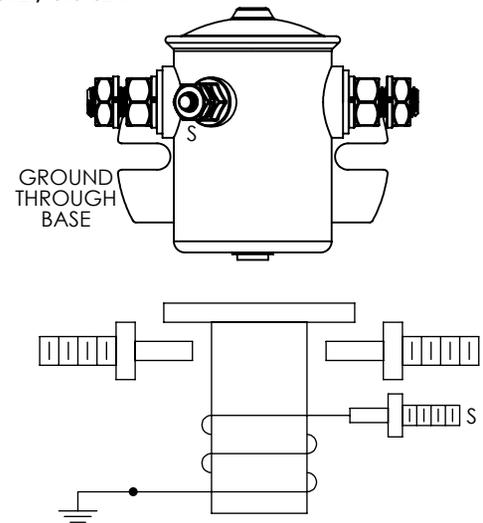
STS-A12 / STS-A24



STS-M12 / STS-M24



STS-S12 / STS-S24



SKY-TEC SOLENOIDS

P/N	VOLTAGE	DUTY	APPLICATION
STS-A12	12	CONTINUOUS	GEN. SWITCH
STS-A24	24	CONTINUOUS	GEN. SWITCH
STS-M12	12	CONTINUOUS	BATTERY MASTER
STS-M24	24	CONTINUOUS	BATTERY MASTER
STS-S12	12	INTERMITTENT	STARTER
STS-S24	24	INTERMITTENT	STARTER

PMA LABEL



Sky-Tec Partners, Ltd.

Granbury, Texas

SOLENOID INSTALLATION INSTRUCTIONS

SCALE: 1:2	MATERIAL: N/A	FINISH: N/A
DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED		DRAWN BY: R. CONDY
DATE: 12/10/2013		
TOLERANCES:		
ANGLES ±1°	0.X ±0.050	0.XX ±0.030
0.XXX ±0.010	SHEET: 1/1	PART NO: 80001
		REV: -