

SMET

See Procedure PRO(SMET)-001

#	Question	Yes	No
1.	Remove the T/RH probe from the aspirated shield and replace the membrane filter; is the replacement completed successfully?		
2.	Clean the ORG lens gently using the optics brush (see PRO(SMET)-001). Was this completed successfully and is the lens clean?		

SKYRAD – PSP (unshaded)

#	Question	Yes	No
1.	Following PRO(PSP)-001, check the PSP level bubbles; is the PSP level? If NO, follow the procedure to level the instrument.		
2.	Following PRO(PSP)-002, change the PSP desiccant. Are the desiccant replacement steps completed successfully? Note any comments in the SDL Daily Rounds comments field.		

SKYRAD – PSP (B/W, shaded)

#	Question	Yes	No
1.	Following PRO(PSP)-001, check the PSP level bubbles; is the PSP level? If NO, follow the procedure to level the instrument.		
2.	Following PRO(PSP)-002, change the PSP desiccant. Are the desiccant replacement steps completed successfully? Note any comments in the SDL Daily Rounds comments field.		

SKYRAD – PIR (shaded #1)

#	Question	Yes	No
1.	Following PRO(PIR)-001, check the PIR level bubbles; is the PIR level? If NO, follow the procedure to level the instrument.		
2.	Following PRO(PIR)-002, change the PIR desiccant. Are the desiccant replacement steps completed successfully? Note any comments in the SDL daily rounds comments field.		

SKYRAD – PIR (shaded #2)

#	Question	Yes	No
1.	Following PRO(PIR)-001, check the PIR level bubbles; is the PIR level? If NO, follow the procedure to level the instrument.		
2.	Following PRO(PIR)-002, change the PIR desiccant. Are the desiccant replacement steps completed successfully? Note any comments in the SDL daily rounds comments field.		

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GNDRAD – PSP (down-looking)

#	Question	Yes	No
1.	Following PRO(PSP)-001, check the PSP level bubbles; is the PSP level? If NO, follow the procedure to level the instrument.		
2.	Following PRO(PSP)-002, change the PSP desiccant. Are the desiccant replacement steps completed successfully? Note any comments in the SDL Daily Rounds comments field.		

GNDRAD – PIR (down-looking)

#	Question	Yes	No
1.	Following PRO(PIR)-001, check the PIR level bubbles; is the PIR level? If NO, follow the procedure to level the instrument.		
2.	Following PRO(PIR)-002, change the PIR desiccant. Are the desiccant replacement steps completed successfully? Note any comments in the SDL daily rounds comments field.		

HYDROGEN GENERATOR

#	Question	Yes	No
1.	Did you perform Hydrogen Generator monthly maintenance check? See PRO(BBSS)-007, BBSS: Electrolyzer Operations and Maintenance.		

STAND-ALONE INSTRUMENT (outside I-Van) – Millimeter Cloud Radar (MMCR) and Micropulse Lidar (MPL)

#	Question	Yes	No
1.	Turn the TWT Amplifier (TWTA) OFF (see PRO(MMCR)-006); climb on the top of the I-Van. Are the Radome tension springs fastened and the cover tight? Turn TWTA ON again when completed inspection; see PRO(MMCR)-004.		
2.	Climb on top of the I-Van. Is the MPL window clean and not leaking? If NO, see PRO(MPL)-002.		
3.	Climb down off the roof. Turn the TWT Amplifier ON (see PRO(MMCR)-006). Did the TWT Amplifier start and the red light start flashing?		
4.	On the TWTA, is the “Remote” LED lit?		
5.	Is there corrosion or damage on the external components of the MMCR? Inspect the MMCR external component. Are they free of any damage or corrosion?		

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STAND-ALONE INSTRUMENT (inside A-Van) – AERI

#	Question	Yes	No
1.	Inspect the blower belt. Is it free from abrasion or excessive wear?		

STAND-ALONE INSTRUMENT – Total Sky Imager (TSI)

#	Question	Yes	No
1.	Has the TSI mirror been cleaned and waxed? Clean and then wax the TSI mirror. Was this completed successfully? See PRO(TSI)-004.		