| ARCS PROCEDURE:             | AMF ON-SITE TECHNICIAN                       | PRO(AMF)-006.002        |
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# Roof of CMA Met Building - SKYRAD Stand

# **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)-008, change the PSP desiccant. Are the       |     |    |
|    | desiccant replacement steps completed successfully? Note any    |     |    |
|    | comments in the SDL Daily Rounds comments field.                |     |    |

#### B/W Shaded

| #  | Question  | Yes | No |
|----|---|-----|----|
| 1. | Following PRO(PSP)-001, check the B/W level bubbles. Is the B/W |     |    |
|    | level? If NO, follow the procedure to level the instrument.     |     |    |
| 2. | Following PRO(PSP)-008, change the B/W desiccant. Are the       |     |    |
|    | desiccant replacement steps completed successfully? Note any    |     |    |
|    | comments in the SDL Daily Rounds comments field.                |     |    |

#### PIR Shaded #1

| #  | Question  | Yes | No |
|----|---|-----|----|
| 1. | Following PRO(PSP)-001, check the PIR level bubbles; is the PIR |     |    |
|    | level? If NO, follow the procedure to level the instrument.     |     |    |
| 2. | Following PRO(PSP)-008, change the PIR desiccant. Are the       |     |    |
|    | desiccant replacement steps completed successfully? Note any    |     |    |
|    | comments in the SDL daily rounds comments field.                |     |    |

# PIR Shaded #2

| #  | Question  | Yes | No |
|----|---|-----|----|
| 1. | Following PRO(PSP)-001, check the PIR level bubbles; is the PIR |     |    |
|    | level? If NO, follow the procedure to level the instrument.     |     |    |
| 2. | Following PRO(PSP)-008, change the PIR desiccant. Are the       |     |    |
|    | desiccant replacement steps completed successfully? Note: Any   |     |    |
|    | comments in the SDL daily rounds comments field.                |     |    |

# Roof of CMA Met Building - TSI Stand

Stand-Alone Instrument – Total Sky Imager (TSI)

| #  | Question  | Yes | No |
|----|---|-----|----|
| 1. | Clean and then wax the TSI mirror following procedure PRO(TSI)- |     |    |
|    | 004.  |     |    |

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# **Back of AMF-A2 Van**

# **Stand-Alone Instrument – Ceilometer**

| #  | Question  | Yes | No |
|----|---|-----|----|
| 1. | With the on-site technician, remove outer casing of the Ceilometer and check the fan. Is it free of dust build-up? If NO, clean it with distilled water and dry it with compressed air. |     |    |

#### **Inside AMF-A1 Van**

**Stand-Alone Instrument – Atmospheric Emitted Radiance Interferometer (AERI)** 

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

#### <u>Instrument Field – GNDRAD Tower</u>

**GNDRAD – PSP Down-looking** 

| #  | Question   | Yes | No |
|----|--|-----|----|
| 1. | Following PRO(PSP)-008, 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   |  | No |
|----|--|--|----|
| 1. | Following PRO(PSP)-008, change the PIR desiccant. Are the    |  |    |
|    | desiccant replacement steps completed successfully? Note any |  |    |
|    | comments in the SDL daily rounds comments field.             |  |    |

#### <u>Instrument Field – SMET Tower</u>

**SMET Instrument Assembly** 

| #  | Question   | Yes | No |
|----|--|-----|----|
| 1. | Remove the T/RH probe tube cover from the aspirated shield and replace the membrane filter. Is the replacement completed successfully? |     |    |
| 2. | Clean the ORG lens gently using the optics brush. Was this completed successfully?   |     |    |

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# Instrument Field – MWR, MWRP & MWRHF

# Stand-Alone Instruments – MWR, MWRP & MWRHF

| #  | Question  | Yes | No |
|----|---|-----|----|
| 1. | Inspect and clean fan filters. Was this completed successfully? |     |    |