

2020 Cycle 7M upGREAT flight (March 05): 202003_GR_MILO (SOFIA Flight #667)

Community Science flight #2 for upGREAT in Cycle 7M

Science: GREAT configuration LFA/HFA

Dossier: GP9700215 Rev. A

03:45 takeoff, on time

Leg 5	G243P78-0P24	LFA: CII LSB, IF 1.50 GHz	HFA: OI_63 LSB IF 1.40 GHz	
04:48	raw-cli commands		34492	
04:55 - 05:22	G243P78-0P24 single point total power		34493 - 34503	38 kft

Leg 7	G235P05-1P53	LFA: CII LSB, IF 1.50 GHz	HFA: OI_63 LSB IF 1.40 GHz	
06:27	raw-cli commands		34521	
06:29 - 06:56	G235P05-1P53 single point total power		34522 - 34532	39 kft

2020 Cycle 7M upGREAT flight (March 10): 202003_GR_MABEL (SOFIA Flight #670)

Community Science flight #5 for upGREAT in Cycle 7M

Science: GREAT configuration LFA/HFA

Dossier: GP9700218 Rev. A

03:43 takeoff, on time

Leg 5	G242P92-0P52	LFA: CII LSB, IF 1.50 GHz	HFA: OI_63 LSB IF 1.40 GHz	
04:44	raw-cli commands		35068	38 kft
04:49 - 05:17	G242P92-0P52 single point total power		35069 - 35080	

Leg 6	G235P22-1P67	LFA: CII LSB, IF 1.50 GHz	HFA: OI_63 LSB IF 1.40 GHz	
05:20 - 05:23	raw-cli commands		35081 - 35082	38 kft
05:24 - 05:33	G235P22-1P67 single point total power -x		35083 - 35085	
05:24	Pit temp. 16.5 C			
05:34 - 05:51	G235P22-1P67 single point total power		35086 - 35093	38 kft

2020 Cycle 7M upGREAT flight (March 13): 202003_GR_MARSHA (SOFIA Flight #674)

Community Science flight #8 for upGREAT in Cycle 7M

Science: GREAT configuration LFA/HFA

Dossier: GP9700221 Rev. B

03:56 takeoff, on time

Leg 5	G239P68-0P80	LFA: CII LSB, IF 1.50 GHz	HFA: OI_63 LSB IF 1.40 GHz
04:53 - 04_54	raw-cli commands		35564 36 kft
04:54 - 05:23	G239P68-0P80 single point total power		35565 - 35576
04:55	Climb by 104.0 ft to 36059.0 ft		35566
05:21	Climb by 108.0 ft to 36052.0 ft		35576
Leg 8	WB89_789	LFA: CII LSB, IF 1.50 GHz	HFA: OI_63 LSB IF 1.40 GHz
07:34 - 07:35	raw-cli commands		35618 40 kft
07:36 - 08:01	WB89 789 single point total power		35619 - 35628