

SIERRA 10/17/12

Aircraft: [SIERRA - ARC](#) (See full schedule)

Flight Number: 74

Payload Configuration: Galileo HSI

Nav Data Collected: No

Total Flight Time: 0.5 hours

Submitted by: Mark Sumich on 10/17/12

Flight Segments:

From:	NQX	To:	NQX
Start:	10/17/12 11:41 Z	Finish:	10/17/12 12:11 Z
Flight Time:	0.5 hours		
Log Number:	12R018	PI:	Stanley Herwitz
Funding Source:	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
Purpose of Flight:	Check		
Comments:	The prop drive belt was replaced after the last flight so a check flight was conducted in the local pattern of Rwy 7 to confirm proper operation and tension. The spare NASA transponder loaned to the Bat-4 UAS was installed and performed normally, reporting the squawk code and altitude to KW ATC. The people at Key West NAS have been very good to us. We now have the GCS set up in an office upstairs with our command and control antennas on top of their hangar. Their spectrum management office kindly loaned us 5 trunking radios which provide ideal communication quality to all of our remote observers. The team cannot say enough about the level of support we have received here. The aircraft performed multiple climbs to 2500' MSL and after 30 minutes the bird was landed to inspect the belt with no adjustments required.		

Flight Hour Summary:

	12R018	13R006
Flight Hours Approved in SOFRS	192	
Flight Hours Previously Approved		175.73
Total Used	16.27	0
Total Remaining		175.73

Source URL: https://espo.nasa.gov/oracles/flight_reports/SIERRA_10_17_12#comment-0

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Page Editor: Brad Bulger

NASA Official: Marilyn Vasques

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

12R018 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
11/15/11	62	Check	0.75	0.75	191.25	
11/15/11	63	Check	1.12	1.87	190.13	
08/24/12	66	Check	1.2	3.07	188.93	
10/13/12	72	Check	0.9	3.97	188.03	
10/14/12	73	Science	3	6.97	185.03	
10/17/12	74	Check	0.5	7.47	184.53	
10/17/12	75	Science	4.2	11.67	180.33	
10/18/12	76	Science	1.2	12.87	179.13	
10/20/12	77	Science	3.4	16.27	175.73	