

# SIERRA 10/13/12

**Aircraft:**

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

**Flight Number:**

72

**Payload Configuration:**

Galileo HSI

**Nav Data Collected:**

No

**Total Flight Time:**

0.9 hours

**Submitted by:**

Mark Sumich on 10/14/12

**Flight Segments:**

<b>From:</b>	NQX	<b>To:</b>	NQX
<b>Start:</b>	10/13/12 18:22 Z	<b>Finish:</b>	10/13/12 19:13 Z
<b>Flight Time:</b>	0.9 hours		
<b>Log Number:</b>	<a href="#">12R018</a>	<b>PI:</b>	Stanley Herwitz
<b>Funding Source:</b>	Bruce Tagg - NASA - SMD - ESD Airborne Science Program		
<b>Purpose of Flight:</b>	Check		
<b>Comments:</b>	This is the first flight of the Galileo HSI out of Key West Naval Air Station (KWNAS). Winds have been high, but the airfield has three runways so the crosswind component can be minimized. The pilot executed a manual take off from Rwy 3 and the handoff to the GCS was followed by figure 8 patterns over the airfield at 2000' and 2500' MSL to check the boresight alignment of the instrument. The transponder was not functioning properly, but the KWNAS radar saw the primary (skin) track of the aircraft and the team reported altitude which provides the same spatial information to ATC. A normal landing followed on Rwy 3.		

**Flight Hour Summary:**

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

**Source URL:** [https://espoarchive.nasa.gov/flight\\_reports/SIERRA\\_10\\_13\\_12](https://espoarchive.nasa.gov/flight_reports/SIERRA_10_13_12)

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*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
<a href="#">11/15/11</a>	62	Check	0.75	0.75	191.25	
<a href="#">11/15/11</a>	63	Check	1.12	1.87	190.13	
<a href="#">08/24/12</a>	66	Check	1.2	3.07	188.93	
<a href="#">10/13/12</a>	72	Check	0.9	3.97	188.03	
<a href="#">10/14/12</a>	73	Science	3	6.97	185.03	
<a href="#">10/17/12</a>	74	Check	0.5	7.47	184.53	
<a href="#">10/17/12</a>	75	Science	4.2	11.67	180.33	

<a href="#">10/18/12</a>	76	Science	1.2	12.87	179.13
<a href="#">10/20/12</a>	77	Science	3.4	16.27	175.73