5FQA DAY 1

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
5FQ A ☐ FBN ☐ CBN ☒ PAC ☐ SAC ☐ BM		3/4/09

General Location	Station 4 Character ID	Day of Year
SUFFOLK EXECUTIVE AIRPORT	5FQA	063

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36 ° 40 ' 54 " Longitude: W 76 ° 36 ' 08 "	GPS -	5FQ

Observation Session Times (UTC)									NAD83 Ellipsoid Height	Meters
Scheduled Start	14	:	00	Stop	21	:	00		NAVD88 Orthometric Height 19.673	Meters
Actual Start	13	:	57	Stop	21	:	29		GEOID _____ GEOID Height	Meters
Epoch Interval = 15 Seconds										
Elevation Mask = 10 Degrees										

Project Name	Station Serial Number (SSN)	Session ID
5FQ 2009	0001	A

Agency/Company	Operator Name	Telephone Number	Email address
NGS	K JORDAN	(757) 441-5460	KEVIN.JORDAN@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☑	☐	
Antenna plumb after session?	☑	☐	
Antenna oriented to true north?	☐	☑	
Weather observed at antenna height?	☑	☐	
Antenna ground plane used	☐	☑	
Antenna radome used?	☐	☑	
Eccentric observation (> 0.5 mm)?	☐	☑	
Any obstructions above 10°?	☐	☑	
Radio interference source nearby?	☐	☑	

Receiver		Antenna INTEGRATED	
Brand	TRIMBLE	Brand	
Model	R8 GNSS	Model	
Part Number	60158-71	Part Number	
Serial Number	4639122468	Serial Number	
Firmware Version	3.82	Cable Length (meters)	
☐Camcorder battery ☐ 12V DC ☐ 110V AC ☒ Other (specify): TRIMBLE IBV		Vehicle is parked _____ meters_____ (direction) from antenna	

Paperwork Reduction Act Statement: This form is used to document source information about an airport or aeronautical facility which is part of the National Airspace System (NAS). This information is used to document airport data relating to the safety, security, or capacity of the national air transportation system. It is estimated that it will take approximately 5-80 hours to fill out the all of the necessary forms for a project depending on the complexity. No assurance of confidentiality is necessary or provided. It should be noted that an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number associated with this collection of information is 2120-0569. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW, Washington, DC, 20591, Attn: Information Collections Clearance Officer, AIO-20.

GPS Observation Log Sheet (continued) Station Designation: SFQA

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/09

☒ Fixed leg tripod
☐ Collapsible - leg tripod
☐ Fixed Mount

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)
Brand
Model
Serial Number

Antenna Height	Before Session Begins Meters	Before Session Begins Feet	After Session Ends Meters	After Session Ends Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters
Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00200	1600	30°						
Middle									
After	00000	2327	41°						

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☑ Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☑ Attached	☐ Submitted later
Photographs of station	☑ Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTO	☐ Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	BILL NOTTAGE	Initials:	BN

Remarks, Comments on problems, sketches, pencil rubbings etc.

5FQA #2

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
5FQA ☐ FBN ☐ CBN ☒ PAC ☐ SAC ☐ BM		3/5/09

General Location	Station 4 Character ID	Day of Year
SUFFOLK EXECUTIVE AIRPORT	5FQA	064

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36 ° 40 ' 54 " Longitude: W 76 ° 36 ' 08 "	GPS -	5FQ

Observation Session Times (UTC)								NAD83 Ellipsoid Height	Meters
Scheduled Start	14	:	00	Stop	21	:	00	NAVD88 Orthometric Height 19.673	Meters
Actual Start	13	:	44	Stop	20	:	00	GEOID _____ GEOID Height	Meters

Epoch Interval = 15 Seconds
Elevation Mask = 10 Degrees

Project Name	Station Serial Number (SSN)	Session ID
5FQ 2009	0001	B

Agency/Company	Operator Name	Telephone Number	Email address
NGS	K. JORDAN	(757) 441-5460	KEVIN.JORDAN@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☑	☐	
Antenna plumb after session?	☑	☐	
Antenna oriented to true north?	☐	☑	
Weather observed at antenna height?	☑	☐	
Antenna ground plane used	☐	☑	
Antenna radome used?	☐	☑	
Eccentric observation (> 0.5 mm)?	☐	☑	
Any obstructions above 10°?	☐	☑	
Radio interference source nearby?	☐	☑	

Receiver		Antenna INTEGRATED	
Brand	TRIMBLE	Brand	
Model	R8 GNSS	Model	
Part Number	60158-71	Part Number	
Serial Number	4639122468	Serial Number	
Firmware Version	3.82	Cable Length (meters)	
☐Camcorder battery ☐ 12V DC ☐ 110V AC ☒ Other (specify): TRIMBLE 12V ✓		Vehicle is parked _____ meters_____ (direction) from antenna	

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GPS Observation Log Sheet (continued) Station Designation: SFO A

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/09

☒ Fixed leg tripod
☐ Collapsible - leg tripod
☐ Fixed Mount

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)	
Brand	
Model	
Serial Number	

Antenna Height	Before Session Begins Meters	Before Session Begins Feet	After Session Ends Meters	After Session Ends Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters
Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00001	1400	44°						
Middle									
After	00001	1956	59°						

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☑ Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☑ Attached	☐ Submitted later
Photographs of station	☑ Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTO	☐ Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	Initials:
	BILL NOTTAGE	BWN

Remarks, Comments on problems, sketches, pencil rubbings etc.

SFQ B #1DAY

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
SFQ B ☐ FBN ☐ CBN ☐ PAC ☒ SAC ☐ BM		3/4/09

General Location	Station 4 Character ID	Day of Year
SUFFOLK EXECUTIVE AIRPORT	SFQB	063

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36 ° 40 ' 30 " Longitude: W 76 ° 36 ' 08 "	GPS -	SFQ

Observation Session Times (UTC)									NAD83 Ellipsoid Height	Meters
Scheduled Start	14	:	00	Stop	16	:	00		NAVD88 Orthometric Height 19.320	Meters
Actual Start	13	:	20	Stop	16	:	07		GEOID _____ GEOID Height	Meters
Epoch Interval = 15 Seconds										
Elevation Mask = 10 Degrees										

Project Name	Station Serial Number (SSN)	Session ID
SFQ2009	0002	A

Agency/Company	Operator Name	Telephone Number	Email address
NGS	K JORDAN	(757) 441 -5460	KEVIN.JORDAN@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☒	☐	
Antenna plumb after session?	☐	☒	BUBBLE WAS MORE THAN ½ OUT OF CENTER CIRCLE
Antenna oriented to true north?	☐	☒	
Weather observed at antenna height?	☒	☐	
Antenna ground plane used	☐	☒	
Antenna radome used?	☐	☒	
Eccentric observation (> 0.5 mm)?	☐	☒	
Any obstructions above 10°?	☐	☒	
Radio interference source nearby?	☐	☒	

Receiver		Antenna INTEGRATED	
Brand	TRIMBLE	Brand	
Model	R6 GNSS	Model	
Part Number	60158-71	Part Number	
Serial Number	4631120628	Serial Number	
Firmware Version	3.82	Cable Length (meters)	
☐Camcorder battery ☐ 12V DC ☐ 110V AC ☒Other (specify): TRIMBLE 12V		Vehicle is parked _____ meters_____ (direction) from antenna	

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GPS Observation Log Sheet (continued) Station Designation: 5FQ B

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/09

☒ Fixed leg tripod
☐ Collapsible - leg tripod
☐ Fixed Mount

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)
Brand
Model
Serial Number

Antenna Height	Before Session Begins Meters	Before Session Begins Feet	After Session Ends Meters	After Session Ends Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters
Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00200	1325	30°						
Middle									
After	00000	1600	41°						

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☒ Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☒ Attached	☐ Submitted later
Photographs of station	☒ Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTO	☐ Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by | Printed Name: BILL NOTTAGE | Initials: BN

Remarks, Comments on problems, sketches, pencil rubbings etc.

SFQ B #1 2ND DAY

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
SFQ B ☐ FBN ☐ CBN ☐ PAC ☒ SAC ☐ BM		3/5/09

General Location	Station 4 Character ID	Day of Year
SUFFOLK EXECUTIVE AIRPORT	SFQB	064

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36 ° 40 ' 30 " Longitude: W 76 ° 36 ' 06 "	GPS -	SFQ

Observation Session Times (UTC)								NAD83 Ellipsoid Height	Meters
Scheduled Start	14	:	00	Stop	16	:	00	NAVD88 Orthometric Height 19.320	Meters
Actual Start	13	:	51	Stop	15	:	47	GEOID _____ GEOID Height	Meters
Epoch Interval = 15 Seconds									
Elevation Mask = 10 Degrees									

Project Name	Station Serial Number (SSN)	Session ID
SFQ 2009	0002	B

Agency/Company	Operator Name	Telephone Number	Email address
NGS	K JORDAN	(757) 441-5460	KEVIN.JORDAN@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☒	☐	
Antenna plumb after session?	☒	☐	
Antenna oriented to true north?	☐	☒	
Weather observed at antenna height?	☒	☐	
Antenna ground plane used	☐	☒	
Antenna radome used?	☐	☒	
Eccentric observation (> 0.5 mm)?	☐	☒	
Any obstructions above 10°?	☐	☒	
Radio interference source nearby?	☐	☒	

Receiver		Antenna INTEGRATED	
Brand	TRIMBLE	Brand	
Model	R8 GNSS	Model	
Part Number	60158-62	Part Number	
Serial Number	4630122441	Serial Number	
Firmware Version	3.82	Cable Length (meters)	
☐Camcorder battery ☐ 12V DC ☐ 110V AC ☒ Other (specify): TRIMBLE 12V		Vehicle is parked _____ meters_____ (direction) from antenna	

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GPS Observation Log Sheet (continued) Station Designation: SFQ B

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/09
☐Fixed leg tripod ☐ Collapsible - leg tripod ☐ Fixed Mount	

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)
Brand
Model
Serial Number

Antenna Height	Before Session Begins Meters	Before Session Begins Feet	After Session Ends Meters	After Session Ends Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters

Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00001	1404	44°						
Middle									
After	00001	1544	49°						

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☒Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☒Attached	☐ Submitted later
Photographs of station	☒Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTO	☐Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	Initials:
	BILL NOTTAGE	

Remarks, Comments on problems, sketches, pencil rubbings etc.

SFQB #2

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
SFQ B ☐ FBN ☐ CBN ☐ PAC ☒ SAC ☐ BM		3/5/09

General Location	Station 4 Character ID	Day of Year
SUFFOLK EXECUTIVE AIRPORT	SFQB	064

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36° 40' 30" Longitude: W 76° 36' 08"	GPS -	SFQ

Observation Session Times (UTC)								NAD83 Ellipsoid Height	Meters
Scheduled Start	17	:	00	Stop	19	:	00	NAVD88 Orthometric Height 19.320	Meters
Actual Start	16	:	27	Stop	18	:	35	GEOID _____ GEOID Height	Meters
Epoch Interval = 15 Seconds									
Elevation Mask = 10 Degrees									

Project Name	Station Serial Number (SSN)	Session ID
SFQ 2009	0002	C

Agency/Company	Operator Name	Telephone Number	Email address
NGS	K JORDAN	(757)441-5460	KEVIN.JORDAN@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☑	☐	
Antenna plumb after session?	☑	☐	
Antenna oriented to true north?	☐	☑	
Weather observed at antenna height?	☑	☐	
Antenna ground plane used	☐	☑	
Antenna radome used?	☐	☑	
Eccentric observation (> 0.5 mm)?	☐	☑	
Any obstructions above 10°?	☐	☑	
Radio interference source nearby?	☐	☑	

Receiver		Antenna INTERNAL	
Brand	TRIMBLE	Brand	
Model	R8 GNSS	Model	
Part Number	60138-62	Part Number	
Serial Number	4639122441	Serial Number	
Firmware Version	3.82	Cable Length (meters)	
☐Camcorder battery ☐ 12V DC ☐ 110V AC		Vehicle is parked _____ meters_____	
☒ Other (specify): TRIMBLE 12V		(direction) from antenna	

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GPS Observation Log Sheet (continued) Station Designation: SFQ B

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/09
☒Fixed leg tripod ☐ Collapsible - leg tripod ☐ Fixed Mount	

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)
Brand
Model
Serial Number

Antenna Height	Before Session Begins Meters	Before Session Begins Feet	After Session Ends Meters	After Session Ends Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters

Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00001	1628		57°					
Middle									
After	00001	1830		57°					

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☒Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☒Attached	☐ Submitted later
Photographs of station	☒Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTO	☐Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	BILL NOTTAGE	Initials:

Remarks, Comments on problems, sketches, pencil rubbings etc.

J324 RESET 1983

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
J324 RESET ☐ FBN ☐ CBN ☐ PAC ☒ SAC ☐ BM	FX2636	3/4/09

General Location	Station 4 Character ID	Day of Year
SUFFOLK EXECUTIVE AIRPORT	J324	063

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36 ° 40 ' 48 " Longitude: W 76 ° 36 ' 36 "	GPS -	SFQ

Observation Session Times (UTC)								NAD83 Ellipsoid Height	Meters
Scheduled Start	14	:	00	Stop	16	:	00	NAVD88 Orthometric Height 21.160	Meters
Actual Start	14	:	05	Stop	16	:	10	GEOID _____ GEOID Height	Meters
Epoch Interval = 15 Seconds									
Elevation Mask = 10 Degrees									

Project Name	Station Serial Number (SSN)	Session ID
SFQ 2009	0003	A

Agency/Company	Operator Name	Telephone Number	Email address
NGS	G NOTTAGE	(757) 441 - 3460	BILL.NOTTAGE@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☒	☐	
Antenna plumb after session?	☒	☐	
Antenna oriented to true north?	☐	☒	
Weather observed at antenna height?	☒	☐	
Antenna ground plane used	☐	☒	
Antenna radome used?	☐	☒	
Eccentric observation (> 0.5 mm)?	☐	☒	
Any obstructions above 10°?	☐	☒	
Radio interference source nearby?	☐	☒	

Receiver		Antenna INTEGRATED	
Brand	TRIMBLE	Brand	
Model	R8 GNSS	Model	
Part Number	60158-71	Part Number	
Serial Number	4639122509	Serial Number	
Firmware Version	3.82	Cable Length (meters)	
☐ Camcorder battery ☐ 12V DC ☐ 110V AC ☒ Other (specify): TRIMBLE 12 ✓		Vehicle is parked 7 meters NW (direction) from antenna	

Paperwork Reduction Act Statement: This form is used to document source information about an airport or aeronautical facility which is part of the National Airspace System (NAS). This information is used to document airport data relating to the safety, security, or capacity of the national air transportation system. It is estimated that it will take approximately 5-80 hours to fill out the all of the necessary forms for a project depending on the complexity. No assurance of confidentiality is necessary or provided. It should be noted that an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number associated with this collection of information is 2120-0569. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW. Washington, DC, 20591, Attn: Information Collections Clearance Officer, AIO-20.

GPS Observation Log Sheet (continued) Station Designation:

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/09

☒ Fixed leg tripod

☐ Collapsible - leg tripod

☐ Fixed Mount

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)
Brand
Model
Serial Number

Antenna Height	Before Session Begins Meters	Before Session Begins Feet	After Session Ends Meters	After Session Ends Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters

Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00200	1405	30°						
Middle									
After	00000	1600	41°						

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☒Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☒Attached	☐ Submitted later
Photographs of station	☒Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTOS	☐Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	Initials:
	KEVIN BROWN	KSJ

Remarks, Comments on problems, sketches, pencil rubbings etc.

J324 RESET 1983 HZ

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
J324 RESET	FX2636	3/5/09

☐ FBN ☐ CBN ☐ PAC ☒ SAC ☐ BM

General Location	Station 4 Character ID	Day of Year
SUFFOLK EXECUTIVE AIRPORT	J324	064

Geographic Coordinates (NAD83)					Project Number	Airport ID
Latitude:	N	36 °	40 '	48 "	GPS -	SFQ
Longitude:	W	76 °	36 '	36 "		

Observation Session Times (UTC)								NAD83 Ellipsoid Height	Meters
Scheduled Start	17	:	00	Stop	19	:	00	NAVD88 Orthometric Height 21.160	Meters
Actual Start	16	:	36	Stop	18	:	48	GEOID _____ GEOID Height	Meters

Epoch Interval = 15 Seconds
Elevation Mask = 10 Degrees

Project Name	Station Serial Number (SSN)	Session ID
SFQ 2009	0003	B

Agency/Company	Operator Name	Telephone Number	Email address
NGS	K. JORDAN	(757) 441-5460	KEVIN.JORDAN@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☑	☐	
Antenna plumb after session?	☑	☐	
Antenna oriented to true north?	☐	☑	
Weather observed at antenna height?	☑	☐	
Antenna ground plane used	☐	☑	
Antenna radome used?	☐	☑	
Eccentric observation (> 0.5 mm)?	☐	☑	
Any obstructions above 10°?	☐	☑	
Radio interference source nearby?	☐	☑	

Receiver		Antenna INTEGRATED	
Brand	TRIMBLE	Brand	
Model	R8 GNSS	Model	
Part Number	60198-71	Part Number	
Serial Number	4639122509	Serial Number	
Firmware Version	3.82	Cable Length (meters)	

☐ Camcorder battery ☐ 12V DC ☐ 110V AC
☒ Other (specify): TRIMBLE 12V

Vehicle is parked _____ meters_____ (direction) from antenna

Paperwork Reduction Act Statement: This form is used to document source information about an airport or aeronautical facility which is part of the National Airspace System (NAS). This information is used to document airport data relating to the safety, security, or capacity of the national air transportation system. It is estimated that it will take approximately 5-80 hours to fill out the all of the necessary forms for a project depending on the complexity. No assurance of confidentiality is necessary or provided. It should be noted that an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number associated with this collection of information is 2120-0569. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW, Washington, DC, 20591, Attn: Information Collections Clearance Officer, AIO-20.

GPS Observation Log Sheet (continued)	Station Designation:

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/09
☒ Fixed leg tripod	
☐ Collapsible - leg tripod	
☐ Fixed Mount	

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)
Brand
Model
Serial Number

Antenna Height	Before Session Begins		After Session Ends	
	Meters	Feet	Meters	Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters

Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00001	1637	57°						
Middle									
After	00001	1846	58°						

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☒ Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☒ Attached	☐ Submitted later
Photographs of station	☒ Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTO	☐ Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	BILL NOTTAGE	Initials:	AM

Remarks, Comments on problems, sketches, pencil rubbings etc.

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
PASCALE ☐ FBN ☑ CBN ☐ PAC ☐ SAC ☐ BM	FX4376	3/4/09

General Location	Station 4 Character ID	Day of Year
HAMPTON ROADS EXECUTIVE AIRPORT PVG	PSCL	063

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36 ° 46 ' 45" Longitude: W 76 ° 26 ' 35"	GPS -	SFQ

Observation Session Times (UTC)								
Scheduled Start	13	:	00	Stop	22	:	00
Actual Start	12	:	41	Stop	22	:	10

Epoch Interval = 15 Seconds
Elevation Mask = 10 Degrees

NAD83 Ellipsoid Height ____ Meters

NAVD88 Orthometric Height 5.591 Meters

GEOID ____ GEOID Height ____ Meters

Project Name	Station Serial Number (SSN)	Session ID
SFQ 2009	0004	A

Agency/Company	Operator Name	Telephone Number	Email address
NGS	K JORDAN	(757) 441-5460	KEVIN.JORDAN@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☑	☐	
Antenna plumb after session?	☑	☐	
Antenna oriented to true north?	☐	☑	
Weather observed at antenna height?	☑	☐	
Antenna ground plane used	☐	☑	
Antenna radome used?	☐	☑	
Eccentric observation (> 0.5 mm)?	☐	☑	
Any obstructions above 10°?	☐	☑	
Radio interference source nearby?	☐	☑	

Receiver	
Brand	TRIMBLE
Model	R8 GNSS
Part Number	60198-62
Serial Number	4639122441
Firmware Version	3.82

☐ Camcorder battery ☐ 12V DC ☐ 110V AC
☒ Other (specify): TRIMBLE 12V

Antenna INTEGRATED	
Brand	
Model	
Part Number	
Serial Number	
Cable Length (meters)	

Vehicle is parked ____ meters ____ (direction) from antenna

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GPS Observation Log Sheet (continued)		Station Designation:	
Tripod		**Psychrometer (if used)**	
Brand	SECO	Brand	
Model		Model	
Part Number		Part Number	
Serial Number		Serial Number	
Last Adjustment Date	3/3/09	Last calibration or check date:	
☒Fixed leg tripod		**Barometer (if used)**	
☐ Collapsible - leg tripod		Brand	
☐ Fixed Mount		Model	
		Serial Number	

Antenna Height	Before Session Begins		After Session Ends	
	Meters	Feet	Meters	Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters

Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00200	1242	30°						
Middle									
After	00000	1200	41°						

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☒Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☒Attached	☐ Submitted later
Photographs of station	☒Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTO	☐Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	Initials:
	BILL NOTTAGE	

Remarks, Comments on problems, sketches, pencil rubbings etc.

G468

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
G468 ☐ FBN ☐ CBN ☐ PAC ☐ SAC ☑ BM	FX2233	3/4/09

General Location	Station 4 Character ID	Day of Year
CITY of SUFFOLK VA	G468	063

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36° 44' 15"	GPS -	
Longitude: W 76° 33' 56"		

Observation Session Times (UTC)								
Scheduled Start	17	:	00	Stop	21	:	00
Actual Start	17	:	05	Stop	21	:	13

Epoch Interval = 15 Seconds
Elevation Mask = 10 Degrees

NAD83 Ellipsoid Height Meters

NAVD88 Orthometric Height 7.481 Meters

GEOID -36.33 GEOID Height Meters

Project Name	Station Serial Number (SSN)	Session ID
SFQ 2009	0006	A

Agency/Company	Operator Name	Telephone Number	Email address
NGS	G NOTTAGE	(757) 441 - 5460	BILL.NOTTAGE@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☒	☐	
Antenna plumb after session?	☒	☐	
Antenna oriented to true north?	☐	☒	
Weather observed at antenna height?	☒	☐	
Antenna ground plane used	☐	☒	
Antenna radome used?	☐	☒	
Eccentric observation (> 0.5 mm)?	☐	☒	
Any obstructions above 10°?	☒	☐	
Radio interference source nearby?	☐	☒	

Receiver	
Brand	TRIMBLE
Model	R8 GNSS
Part Number	60158-71
Serial Number	4639122509
Firmware Version	3.82
☐ Camcorder battery ☐ 12V DC ☐ 110V AC	
☒ Other (specify): TRIMBLE 12V	

Antenna INTEGRATED	
Brand	
Model	
Part Number	
Serial Number	
Cable Length (meters)	

Vehicle is parked 20 meters SE (direction) from antenna

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GPS Observation Log Sheet (continued) Station Designation:

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/09

☒ Fixed leg tripod
☐ Collapsible - leg tripod
☐ Fixed Mount

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)
Brand
Model
Serial Number

Antenna Height	Before Session Begins Meters	Before Session Begins Feet	After Session Ends Meters	After Session Ends Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.00			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters
Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00000	1705	41°						
Middle									
After	00000	2110	40°						

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☒ Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☒ Attached	☐ Submitted later
Photographs of station	☒ Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTOS	☐ Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	Initials:
	KEVIN JORDAN	KSJ

Remarks, Comments on problems, sketches, pencil rubbings etc.

MARK HAD ABOUT 15CM OF FILL OVER IT

F468

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
F468 ☐ FBN ☐ CBN ☐ PAC ☐ SAC ☒ BM	FX2236	3/4/09

General Location	Station 4 Character ID	Day of Year
	F468	063

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36 ° 44 ' 01 "	GPS -	SFQ
Longitude: W 76 ° 35 ' 04 "		

Observation Session Times (UTC)								NAD83 Ellipsoid Height	Meters
Scheduled Start	17	:	00	Stop	21	:	00	NAVD88 Orthometric Height 10.086	Meters
Actual Start	16	:	52	Stop	21	:	08		Meters
Epoch Interval = 15 Seconds								GEOID _____ GEOID Height	
Elevation Mask = 10 Degrees									

Project Name	Station Serial Number (SSN)	Session ID
SFQ 2009	0005	A

Agency/Company	Operator Name	Telephone Number	Email address
NGS	KJORDAN	(757) 441 - 5460	KEVIN.JORDAN@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☑	☐	
Antenna plumb after session?	☑	☐	
Antenna oriented to true north?	☐	☑	
Weather observed at antenna height?	☑	☐	
Antenna ground plane used	☐	☑	
Antenna radome used?	☐	☑	
Eccentric observation (> 0.5 mm)?	☐	☑	
Any obstructions above 10°?	☑	☐	
Radio interference source nearby?	☐	☑	

Receiver		Antenna INTEGRATED	
Brand	TRIMBLE	Brand	
Model	R8 GNSS	Model	
Part Number	60158-71	Part Number	
Serial Number	4631120628	Serial Number	
Firmware Version	3.82	Cable Length (meters)	
☐ Camcorder battery ☐ 12V DC ☐ 110V AC		Vehicle is parked _____ meters_____	
☒ Other (specify): TRIMBLE 12V		(direction) from antenna	

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GPS Observation Log Sheet (continued) Station Designation: F 468

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/09

☒ Fixed leg tripod
☐ Collapsible - leg tripod
☐ Fixed Mount

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)
Brand
Model
Serial Number

Antenna Height	Before Session Begins Meters	Before Session Begins Feet	After Session Ends Meters	After Session Ends Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters
Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00000	1702	41°						
Middle									
After	00000	2100	40°						

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☒Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☒Attached	☐ Submitted later
Photographs of station	☒Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTO	☐Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	Initials:
	BILL NOTTAGE	

Remarks, Comments on problems, sketches, pencil rubbings etc.

WEATHER

OMB Approved 2120-0557
Expires 3/31/2010

Federal Aviation Administration

Airport Surveying-GIS Program

GPS Observation Log Sheet

Station Designation	Station PID	Date (UTC)
WEATHER ☐ FBN ☐ CBN ☐ PAC ☐ SAC ☒ BM	DG9068	03/04/09

General Location	Station 4 Character ID	Day of Year
NGS FIELD OPERATIONS BRANCH NORFOLK	WTHR	063

Geographic Coordinates (NAD83)	Project Number	Airport ID
Latitude: N 36 ° 51 ' 19 " Longitude: W 76 ° 18 ' 04 "	GPS -	SFQ

Observation Session Times (UTC)							
Scheduled Start	17	:	00	Stop	21	:	00
Actual Start	16	:	46	Stop	21	:	11

Epoch Interval = 15 Seconds
Elevation Mask = 10 Degrees

NAD83 Ellipsoid Height ____ Meters

NAVD88 Orthometric Height 2.446 Meters

GEOID ____ GEOID Height ____ Meters

Project Name	Station Serial Number (SSN)	Session ID
SFQ 2009	0007	A

Agency/Company	Operator Name	Telephone Number	Email address
NGS	KJORDAN	( ) -	KEVIN.JORDAN@NOAA.GOV

Answer Yes or No to each question, if No explain	Yes	No	Explanation
Antenna plumb before session?	☒	☐	
Antenna plumb after session?	☒	☐	
Antenna oriented to true north?	☐	☐	
Weather observed at antenna height?	☐	☐	
Antenna ground plane used	☐	☒	
Antenna radome used?	☐	☐	
Eccentric observation (> 0.5 mm)?	☐	☐	
Any obstructions above 10°?	☒	☐	
Radio interference source nearby?	☒	☐	

Receiver		Antenna INTEGRATED	
Brand	TRIMBLE	Brand	
Model	R8 GNSS	Model	
Part Number	60158-71	Part Number	
Serial Number	4631120635	Serial Number	
Firmware Version	3.82	Cable Length (meters)	
☐Camcorder battery ☐ 12V DC ☐ 110V AC ☒ Other (specify): TRIMBLE 12V		Vehicle is parked ____ meters____ (direction) from antenna	

Paperwork Reduction Act Statement: This form is used to document source information about an airport or aeronautical facility which is part of the National Airspace System (NAS). This information is used to document airport data relating to the safety, security, or capacity of the national air transportation system. It is estimated that it will take approximately 5-80 hours to fill out the all of the necessary forms for a project depending on the complexity. No assurance of confidentiality is necessary or provided. It should be noted that an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. The OMB control number associated with this collection of information is 2120-0569. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW, Washington, DC, 20591, Attn: Information Collections Clearance Officer, AIO-20.

GPS Observation Log Sheet (continued)	Station Designation: WEATHER

Tripod	
Brand	SECO
Model	
Part Number	
Serial Number	
Last Adjustment Date	3/3/2009
☒Fixed leg tripod ☐ Collapsible - leg tripod ☐ Fixed Mount	

Psychrometer (if used)	
Brand	
Model	
Part Number	
Serial Number	
Last calibration or check date:	

Barometer (if used)
Brand
Model
Serial Number

Antenna Height	Before Session Begins		After Session Ends	
	Meters	Feet	Meters	Feet
A = Datum point to top of tripod (Tripod Height)	2.000			
B = Additional offset to ARP if any (Tribach/spacer)	0.000			
H = Antenna Height = A + B = Datum point to ARP	2.000			

Meters = feet × 0.3048 Height entered into receiver = _____ meters

Note or sketch any unusual circumstances. Be very clear as to where and how you measured.

Weather Data

	Weather Codes	Time (UTC)	Dry-Bulb Temp Fahrenheit	Dry-Bulb Temp Celsius	Wet Bulb Temp Fahrenheit	Wet Bulb Temp Celsius	Rel % Humidity	Atm Press. In Hg	Atm Press. mB
Before	00000		35				37	30.49	
Middle									
After	00000		41					30.20	

Weather Codes

Code	Problem	Visibility	Temperature	Cloud Cover	Wind
0	Did not occur	Good over 15 miles	Normal 32 - 80° F	Clear, below 20%	Calm, under 5 mph
1	Did occur	Fair 7-15 miles	Hot over 80° F	Cloudy 20 – 70%	Moderate 5 – 15 mph
2	Not Used	Poor under 7 miles	Cold below 32° F	Overcast more than 70%	Strong over 15 mph

Example: 00000 = No problem, good visibility, normal temp, clear, clam wind
12121 = Problems, poor visibility, hot, overcast, moderate wind

Updated Station description	☒Attached	☐ Submitted later
Station Location Sketch and Visibility Diagram	☒Attached	☐ Submitted later
Photographs of station	☒Attached	☐ Submitted later
Pencil Rubbing of mark SEE PHOTO	☐Attached	☐ Submitted later

Data File names (standard NGS format = aaaaddds.xxx
Where aaaa = 4 character ID, ddd= day of year, s=session ID, xxx=file dependant extension

Log Checked by	Printed Name:	BILL NOTTAGE	Initials:	

Remarks, Comments on problems, sketches, pencil rubbings etc.