Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-140

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25171	ION	775	6779	8-20-08	8-20-09	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
28305	Simco	Aerostat PC	33674326	10-1-08	12-12-08	JPL 36
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh D	18/204	Armen T.	N	N	N	NA

VERIFICATION DATA

HBM Sensitivity Level: 50V (from Table 1)

Fan controller setting: High (High, Low, NA)

Distance of ionizer from the charge plate: 24"

Ionizer Float Potential Tolerance ± 50 Vdc. (from Table 1)

Measured Float Potential values recorded below.

1	2	3	4	5	Comments:
-10 Vdc.	-10 Vdc.	-10 Vdc.	-10 Vdc.	-10 Vdc.	

Ionizer Discharge Voltage Range: ± 1000 Vdc to < ± 50 Vdc (from Table 1)

Ionizer Discharge Time Tolerance: < 20 seconds. (from Table 1)

Measured Discharge Time in second(s) and recorded values below.

1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
5.8 sec	5.7 sec	5.9 sec	5.9 sec	5.9 sec	
1 (-1000 to -Vdc)	**2 (-1000 to -Vdc)**	**3 (-1000 to -Vdc)**	**4 (-1000 to -Vdc)**	**5 (-1000 to -Vdc)**	**Comments:**
8.3 sec	8.7 sec	8.5 sec	8.4 sec	8.7 sec	

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.