

# SAFT NI-CAD AIRCRAFT BATTERY

## BATTERY SERVICE DATA SHEET

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WORK ORDER	
CUSTOMER	
AIRCRAFT TYPE	
REGISTRATION	

BATTERY P/N	
BATTERY S/N	
D.O.M	
CMM / OMM	

BASE/FACILITY	
SERVICE PERFORMED BY	
DATE	

C1A Rating \_\_\_\_\_ 0.1C1A of Battery Rating \_\_\_\_\_ Cap Check Amps \_\_\_\_\_ Max Water Added cm3 \_\_\_\_\_

### INSPECTIONS

Initial Visual \_\_\_\_\_ Torque in Lbs \_\_\_\_\_ Vent Valve \_\_\_\_\_ Deep Cycle No \_\_\_\_\_

Insulation Check \_\_\_\_\_ Connector \_\_\_\_\_ Temperature Sensors \_\_\_\_\_ Final Inspection \_\_\_\_\_

### TEST

POLARIZATION TEST	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	BATTERY
INITIAL VOLTAGE																					
15 MINUTES																					
30 MINUTES																					
45 MINUTES																					
60 MINUTES																					
75 MINUTES																					
90 MINUTES																					

\*CHARGE THE BATTERY AT 0.1C1A FOR 1.5 HOURS (90 MINUTES).

OCV FOR EACH CELL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	BATTERY
AFTER 1 HOUR																					

\*KEEP THE BATTERY IN OPEN CIRCUIT FOR 1 HOUR AND MEASURE THE OPEN CIRCUIT VOLTAGE OF EACH CELL. IF ANY CELL IS ZERO (0) V OR NEGATIVE POLARITY, DO GENERAL OVERHAUL. IF ALL CELLS ARE ABOVE ZERO (0) V, CONTINUE WITH MAINTENANCE AS SPECIFIED. IDENTIFY THE CELLS WITH 0 V, THEY WILL BE CHANGED DURING THE REPLACEMENT OF FAULTY COMPONENTS.