

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39, HAER No. FL-8-11-E
ALTITUDE CHAMBERS, (John F. Kennedy Space Center, O&C Building)
First Street, between Avenue D and Avenue E
Brevard County
Florida

Penny Rogo Bailes, Photographer; July 2009 (FL-8-11-E-1 through FL-8-11-E-45)

Penny Rogo Bailes, Photographer, September 2008 (FL-8-11-E-46 through FL-8-11-E-59)

- FL-8-11-E-1 EXTERIOR OF ALTITUDE CHAMBER R, FACING EAST.
- FL-8-11-E-2 EXTERIOR OF ALTITUDE CHAMBERS R (TO LEFT) AND L (TO RIGHT), FACING NORTHEAST.
- FL-8-11-E-3 EXTERIOR OF ALTITUDE CHAMBER R, FACING NORTH.
- FL-8-11-E-4 EXTERIOR OF ALTITUDE CHAMBER L, FACING NORTH.
- FL-8-11-E-5 EXTERIOR OF ALTITUDE CHAMBERS R (TO LEFT) AND L (TO RIGHT), FACING NORTHWEST.
- FL-8-11-E-6 DETAIL OF THE EXTERIOR OF ALTITUDE CHAMBER R FROM THE 15'-0" LEVEL OF ACCESS PLATFORMS, FACING NORTHWEST.
- FL-8-11-E-7 DETAIL OF P133R (ACCESS DOOR) AT 0'-0" LEVEL, ALTITUDE CHAMBER R, FACING NORTHWEST.
- FL-8-11-E-8 DETAIL OF THE EXTERIOR OF PP44L (VIEWING PORTAL), ALTITUDE CHAMBER L, FACING NORTHWEST.
- FL-8-11-E-9 DETAIL OF THE INTERIOR OF PP37L (VIEWING PORTAL), AND A FLUORESCENT LIGHT, ALTITUDE CHAMBER L, FACING SOUTH.
- FL-8-11-E-10 DETAIL OF THE EXTERIOR OF PP45L (PATCHBOARD), ALTITUDE CHAMBER L, FACING EAST.
- FL-8-11-E-11 DETAIL OF THE INTERIOR OF PP45L (PATCHBOARD), ALTITUDE CHAMBER L, FACING WEST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
ALTITUDE CHAMBERS, (John F. Kennedy Space Center, O&C Building)
HAER No. FL-8-11-E
INDEX TO PHOTOGRAPHS (page 2)

- FL-8-11-E-12 VIEW OF THE TOPS OF ALTITUDE CHAMBER R (TO LEFT) AND ALTITUDE CHAMBER L (TO RIGHT) FROM THE 42'-0" LEVEL OF ACCESS PLATFORMS, FACING NORTHWEST.
- FL-8-11-E-13 DETAIL OF THE EXTERIOR OF THE DOMED LID, ALTITUDE CHAMBER R, FACING NORTHWEST.
- FL-8-11-E-14 DETAIL OF THE INTERIOR OF THE DOMED LID, ALTITUDE CHAMBER R, FACING NORTHWEST.
- FL-8-11-E-15 DETAIL OF THE GROOVED RIM ON TOP FACE OF CHAMBER SHELL, ALTITUDE CHAMBER L, FACING SOUTHWEST.
- FL-8-11-E-16 DETAIL OF DOMED BOTTOM, ALTITUDE CHAMBER R, FACING EAST.
- FL-8-11-E-17 DETAIL OF DOMED BOTTOM, ALTITUDE CHAMBER L, FACING NORTHWEST.
- FL-8-11-E-18 DETAIL OF VACUUM PIPE AT 0'-0" LEVEL, ALTITUDE CHAMBER R, FACING NORTHEAST.
- FL-8-11-E-19 DETAIL OF VACUUM PIPE OPENING WITHIN ALTITUDE CHAMBER R, FACING SOUTHEAST.
- FL-8-11-E-20 DETAIL OF VACUUM PIPE AT BASEMENT LEVEL OF O&C BUILDING, ALTITUDE CHAMBER R, FACING NORTHEAST.
- FL-8-11-E-21 DETAIL OF RE-PRESSURIZATION AIR PIPE, ALTITUDE CHAMBER L, FACING SOUTHWEST.
- FL-8-11-E-22 LOWER HALF OF THE INTERIOR OF ALTITUDE CHAMBER R, LOOKING UP FROM BOTTOM LEVEL, FACING NORTHEAST.
- FL-8-11-E-23 UPPER HALF OF THE INTERIOR OF ALTITUDE CHAMBER R, LOOKING UP FROM BOTTOM LEVEL, FACING NORTHEAST.
- FL-8-11-E-24 INTERIOR OF ALTITUDE CHAMBER R, LOOKING DOWN FROM AIRLOCK, FACING NORTHWEST.
- FL-8-11-E-25 INTERIOR OF ALTITUDE CHAMBER L FROM TOP LEVEL OF ACCESS PLATFORMS, FACING WEST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
ALTITUDE CHAMBERS, (John F. Kennedy Space Center, O&C Building)
HAER No. FL-8-11-E
INDEX TO PHOTOGRAPHS (page 3)

- FL-8-11-E-26 INTERIOR OF ALTITUDE CHAMBER L, LOOKING UP FROM BOTTOM LEVEL OF INTERNAL PLATFORMS, FACING EAST.
- FL-8-11-E-27 BOTTOM LEVEL OF ALTITUDE CHAMBER L, FACING SOUTHWEST.
- FL-8-11-E-28 DETAIL OF UTILITY PIPES AT THE BOTTOM LEVEL OF INTERNAL PLATFORMS, ALTITUDE CHAMBER L, FACING WEST.
- FL-8-11-E-29 DETAIL OF PLATFORM SUPPORT BRACKET, ALTITUDE CHAMBER L, FACING NORTHWEST.
- FL-8-11-E-30 DETAIL OF HEATER PANEL, -2'-2" LEVEL OF INTERNAL PLATFORMS, ALTITUDE CHAMBER L, FACING NORTH.
- FL-8-11-E-31 INTERIOR OF ALTITUDE CHAMBER L FROM 6'-4" LEVEL OF INTERNAL PLATFORMS, FACING EAST.
- FL-8-11-E-32 INTERIOR OF ALTITUDE CHAMBER L FROM 6'-4" LEVEL OF INTERNAL PLATFORMS, FACING WEST.
- FL-8-11-E-33 DETAIL OF LOAD BANK ON 6'-4" LEVEL OF INTERNAL PLATFORMS, ALTITUDE CHAMBER L, FACING NORTH.
- FL-8-11-E-34 INTERIOR OF ALTITUDE CHAMBER L FROM 16'-8" LEVEL OF INTERNAL PLATFORMS, FACING NORTH.
- FL-8-11-E-35 INTERIOR OF ALTITUDE CHAMBER L FROM 16'-8" LEVEL OF INTERNAL PLATFORMS, FACING SOUTH.
- FL-8-11-E-36 INTERIOR OF ALTITUDE CHAMBER L FROM 16'-8" LEVEL OF INTERNAL PLATFORMS SHOWING WALL-MOUNTED STAIRS, FACING WEST.
- FL-8-11-E-37 DETAIL OF WALL-MOUNTED STAIRS ON INTERIOR OF ALTITUDE CHAMBER L, FACING SOUTHWEST.
- FL-8-11-E-38 DETAIL OF UTILITY PIPES AND PLATFORM SUPPORT COLUMN, INTERIOR OF ALTITUDE CHAMBER L, FACING EAST.
- FL-8-11-E-39 DETAIL OF FIRE HOSE ON 16'-8" LEVEL OF INTERNAL PLATFORMS, ALTITUDE CHAMBER L, FACING NORTHWEST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
ALTITUDE CHAMBERS, (John F. Kennedy Space Center, O&C Building)
HAER No. FL-8-11-E
INDEX TO PHOTOGRAPHS (page 4)

- FL-8-11-E-40 EXTERIOR VIEW OF AIRLOCK FOR ALTITUDE CHAMBER R,
FACING SOUTHEAST.
- FL-8-11-E-41 EXTERIOR AND INTERIOR VIEW OF AIRLOCK FOR ALTITUDE
CHAMBER R, FACING SOUTH.
- FL-8-11-E-42 INTERIOR OF AIRLOCK FROM INTERIOR OF ALTITUDE CHAMBER
R, FACING NORTHWEST.
- FL-8-11-E-43 DETAIL VIEW OF BRIDGE CRANE USED TO LIFT DOMED LIDS OF
THE ALTITUDE CHAMBERS, FACING SOUTHWEST.
- FL-8-11-E-44 VIEW OF THE CONTROL ROOM FOR THE ALTITUDE CHAMBERS,
FACING SOUTHWEST.
- FL-8-11-E-45 VIEW OF PUMP ROOM FOR ALTITUDE CHAMBERS, FACING
SOUTHWEST.

Photograph Nos. FL-8-11-E-46 through FL-8-11-E-59 are photocopies of engineering drawings,
and are 8" x 10" enlargements from 4" x 5" negatives. Original drawings are
located at the Engineering Documentation Center, KSC, Florida.

- FL-8-11-E-46 Photocopy of drawing
SPACECRAFT INDUSTRIAL AREA, O&C BUILDING, A&T AREA,
ALTITUDE CHAMBER "L"
NASA, John F. Kennedy Space Center, Florida
Drawing 79K00213, U.S. Army Corps of Engineers, no date
SYSTEM FUNCTIONAL DRAWING
Sheet 2
- FL-8-11-E-47 Photocopy of drawing
ALTITUDE CHAMBERS "L" & "R" STRUCTURES
NASA, John F. Kennedy Space Center, Florida
Drawing 68-K-L-11213, NASA KSC, November, 1968
CHAMBER "L" ELEVATION
Sheet 3

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
ALTITUDE CHAMBERS, (John F. Kennedy Space Center, O&C Building)
HAER No. FL-8-11-E
INDEX TO PHOTOGRAPHS (page 5)

- FL-8-11-E-48 Photocopy of drawing
ALTITUDE CHAMBERS "L" & "R" STRUCTURES
NASA, John F. Kennedy Space Center, Florida
Drawing 68-K-L-11213, NASA KSC, November, 1968
CHAMBER "R" ELEVATION
Sheet 4
- FL-8-11-E-49 Photocopy of drawing
ALTITUDE CHAMBERS "L" & "R" STRUCTURES
NASA, John F. Kennedy Space Center, Florida
Drawing 68-K-L-11213, NASA KSC, March, 1971
DOOR LATCH MECHANISM & DOOR LATCHING RATCHET
Sheet 14
- FL-8-11-E-50 Photocopy of drawing
ALTITUDE CHAMBERS "L" & "R" STRUCTURES
NASA, John F. Kennedy Space Center, Florida
Drawing 68-K-L-11213, NASA KSC, November, 1968
WORK PLATFORM DETAIL
Sheet 6
- FL-8-11-E-51 Photocopy of drawing
SPACECRAFT INDUSTRIAL AREA, O&C BUILDING, A&T AREA,
ALTITUDE CHAMBER "L"
NASA, John F. Kennedy Space Center, Florida
Drawing 79K00213, U.S. Army Corps of Engineers, no date
SHELL PENETRATION LAYOUT
Sheet 3
- FL-8-11-E-52 Photocopy of drawing
SPACECRAFT INDUSTRIAL AREA, O&C BUILDING, A&T AREA,
ALTITUDE CHAMBER "L"
NASA, John F. Kennedy Space Center, Florida
Drawing 79K00213, U.S. Army Corps of Engineers, no date
SHELL PENETRATION SCHEDULE
Sheet 4

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
ALTITUDE CHAMBERS, (John F. Kennedy Space Center, O&C Building)
HAER No. FL-8-11-E
INDEX TO PHOTOGRAPHS (page 6)

- FL-8-11-E-53 Photocopy of drawing
SPACECRAFT INDUSTRIAL AREA, O&C BUILDING, A&T AREA,
ALTITUDE CHAMBER "R"
NASA, John F. Kennedy Space Center, Florida
Drawing 79K00214, U.S. Army Corps of Engineers, no date
SHELL PENETRATION LAYOUT
Sheet 3
- FL-8-11-E-54 Photocopy of drawing
SPACECRAFT INDUSTRIAL AREA, O&C BUILDING, A&T AREA,
ALTITUDE CHAMBER "R"
NASA, John F. Kennedy Space Center, Florida
Drawing 79K00214, U.S. Army Corps of Engineers, no date
SHELL PENETRATION SCHEDULE
Sheet 4
- FL-8-11-E-55 Photocopy of drawing
ALTITUDE CHAMBER LIGHTING MODS., O&C BUILDING
NASA, John F. Kennedy Space Center, Florida
Drawing 203-644, U.S. Army Corps of Engineers, May, 1967
LIGHTING LAYOUT, LEFT CHAMBER
Sheet 5
- FL-8-11-E-56 Photocopy of drawing
ALTITUDE CHAMBER LIGHTING MODS., O&C BUILDING
NASA, John F. Kennedy Space Center, Florida
Drawing 203-644, U.S. Army Corps of Engineers, February, 1967
LIGHTING LAYOUT, RIGHT CHAMBER
Sheet 4
- FL-8-11-E-57 Photocopy of drawing
RIGHT ALTITUDE CHAMBER REACTIVATION
NASA, John F. Kennedy Space Center, Florida
Drawing 82K06032, Boeing, December, 1997
15 FT LEVEL EQUIPMENT LAYOUT
Sheet E13

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
ALTITUDE CHAMBERS, (John F. Kennedy Space Center, O&C Building)
HAER No. FL-8-11-E
INDEX TO PHOTOGRAPHS (page 7)

FL-8-11-E-58 Photocopy of drawing
RIGHT ALTITUDE CHAMBER REACTIVATION
NASA, John F. Kennedy Space Center, Florida
Drawing 82K06032, Boeing, December, 1997
ACCESS PLATFORM DEMOLITION
Sheet S1

FL-8-11-E-59 Photocopy of drawing
RIGHT ALTITUDE CHAMBER REACTIVATION
NASA, John F. Kennedy Space Center, Florida
Drawing 82K06032, Boeing, December, 1997
ACCESS PLATFORM INSTALLATION
Sheet S2