

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39 HAER No. FL-8-11-J
SHUTTLE LANDING FACILITY (John F. Kennedy Space Center)
Near the southwest corner of the Beach Road/
Kennedy Parkway North intersection
Cape Canaveral
Brevard County
Florida

Penny Rogo Bailes, Photographer; April 2010
(FL-8-11-J-1 through FL-8-11-J-113)

- FL-8-11-J-1 VIEW OF SHUTTLE LANDING FACILITY FROM THE ROOF OF THE VEHICLE ASSEMBLY BUILDING, FACING NORTHWEST.
- FL-8-11-J-2 VIEW OF SHUTTLE LANDING FACILITY FROM THE NORTHWEST CORNER OF THE RUNWAY, FACING SOUTHEAST.
- FL-8-11-J-3 VIEW OF NORTH END OF RUNWAY FROM AIR TRAFFIC CONTROL TOWER, FACING NORTHWEST.
- FL-8-11-J-4 VIEW OF MIDDLE PORTION OF RUNWAY FROM AIR TRAFFIC CONTROL TOWER, FACING SOUTHWEST.
- FL-8-11-J-5 VIEW OF SOUTH END OF RUNWAY FROM AIR TRAFFIC CONTROL TOWER, FACING SOUTHEAST.
- FL-8-11-J-6 VIEW ALONG CENTERLINE OF RUNWAY FROM GROUND LEVEL AT NORTH THRESHOLD, FACING SOUTHEAST.
- FL-8-11-J-7 VIEW OF RUNWAY FROM GROUND LEVEL, FACING SOUTHEAST.
- FL-8-11-J-8 VIEW OF RUNWAY FROM NORTH THRESHOLD AT AN ELEVATION OF 20', FACING SOUTHEAST.
- FL-8-11-J-9 VIEW OF RUNWAY AND CANAL FROM GROUND LEVEL, FACING NORTHWEST.
- FL-8-11-J-10 VIEW OF RUNWAY FROM MIDPOINT AT AN ELEVATION OF 20', FACING SOUTHEAST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 2)

- FL-8-11-J-11 VIEW OF RUNWAY FROM SOUTH THRESHOLD AT AN ELEVATION OF 20', FACING NORTHWEST.
- FL-8-11-J-12 DETAIL VIEW SHOWING GROOVED AND SMOOTH FINISHES OF RUNWAY, FACING WEST.
- FL-8-11-J-13 DETAIL VIEW OF "RUNWAY 15" MARKING AT NORTH END OF RUNWAY, FACING SOUTHEAST.
- FL-8-11-J-14 DETAIL VIEW "RUNWAY 33" MARKING AT SOUTH END OF RUNWAY, FACING SOUTHEAST.
- FL-8-11-J-15 DETAIL VIEW OF ORBITER TOUCH-DOWN POINT MARKINGS AT SOUTH END OF RUNWAY, FACING WEST.
- FL-8-11-J-16 DETAIL VIEW OF NORTH THRESHOLD LINE, ALSO SHOWING IN-GRADE LIGHTING, FACING WEST.
- FL-8-11-J-17 VIEW OF NORTH OVERRUN FROM NORTH THRESHOLD, FACING NORTHWEST.
- FL-8-11-J-18 VIEW OF SOUTH OVERRUN FROM ACCESS ROAD FOR SOUTHERN APPROACH LIGHTING, FACING NORTHWEST.
- FL-8-11-J-19 VIEW OF VIDEO CAMERA, AIR CANNON, AND RUNWAY LENGTH MARKER, FACING SOUTHWEST.
- FL-8-11-J-20 DETAIL VIEW OF AIR CANNON, FACING NORTHEAST.
- FL-8-11-J-21 DETAIL VIEW PRECISION APPROACH PATH INDICATOR LIGHTS ALONG RUNWAY, FACING SOUTHEAST.
- FL-8-11-J-22 DETAIL VIEW OF IN-GRADE PATH LIGHTING WITHIN SOUTH OVERRUN, FACING NORTHWEST.
- FL-8-11-J-23 DETAIL VIEW OF XENON LIGHTS ALONG NORTH APPROACH, FACING NORTHWEST.
- FL-8-11-J-24 VIEW OF ABOVE-GRADE PATH LIGHTING ALONG SOUTH APPROACH, FACING NORTHEAST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 3)

- FL-8-11-J-25 VIEW OF ABOVE-GRADE PATH LIGHTING ALONG SOUTH APPROACH, FACING SOUTHWEST.
- FL-8-11-J-26 DETAIL VIEW OF A BANK OF ABOVE-GRADE PATH LIGHTS AND ELECTRICAL BOX ALONG SOUTH APPROACH, FACING NORTHEAST.
- FL-8-11-J-27 VIEW OF RUNWAY LIGHTING ELECTRICAL SUBSTATION AT NORTH END OF RUNWAY, FACING NORTHEAST.
- FL-8-11-J-28 VIEW OF SECOND GROUP OF SOUTHERN PRECISION APPROACH PATH LIGHTING, FACING NORTHWEST.
- FL-8-11-J-29 VIEW OF FIRST GROUP OF SOUTHERN PRECISION APPROACH PATH LIGHTING, FACING NORTHEAST.
- FL-8-11-J-30 DETAIL VIEW OF A PRECISION APPROACH PATH LIGHT FROM THE FIRST GROUP OF SOUTHERN PRECISION APPROACH PATH LIGHTING, FACING NORTH.
- FL-8-11-J-31 VIEW OF TACTICAL AIR NAVIGATION SYSTEM FACILITY, FACING NORTHEAST.
- FL-8-11-J-32 VIEW OF NORTH MICROWAVE SCANNING BEAM LANDING SYSTEM STATION, FACING NORTHWEST.
- FL-8-11-J-33 VIEW OF OPTICAL TRACKER SITE A (NORTH END OF RUNWAY), FACING NORTHEAST.
- FL-8-11-J-34 VIEW OF REMOTE SATELLITE MEASUREMENT UNIT A (CENTER) AND DIFFERENTIAL GLOBAL POSITIONING BUILDING (RIGHT) NEAR MIDPOINT OF RUNWAY, FACING NORTHEAST.
- FL-8-11-J-35 VIEW OF NEW AIR TRAFFIC CONTROL TOWER NEAR MIDPOINT OF RUNWAY, FACING NORTHEAST.
- FL-8-11-J-36 VIEW OF INTERIOR OF AIR TRAFFIC CONTROL TOWER CONTROL ROOM, FACING NORTHWEST.
- FL-8-11-J-37 DETAIL VIEW OF "RUNWAY 33" SIGN, FACING NORTHWEST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 4)

- FL-8-11-J-38 VIEW OF ORBITER TOWWAY, FACING SOUTHEAST.
- FL-8-11-J-39 VIEW FROM RUNWAY TOWARDS MATE-DEMATE DEVICE (CENTER) AND LANDING AIDS CONTROL BUILDING (TO RIGHT), FACING NORTHEAST.
- FL-8-11-J-40 VIEW OF SHUTTLE LANDING FACILITY APROM FROM 100' LEVEL OF MATE-DEMATE DEVICE, FACING SOUTHWEST.
- FL-8-11-J-41 VIEW OF NORTH ELEVATION OF LANDING AIDS CONTROL BUILDING, FACING SOUTHEAST.
- FL-8-11-J-42 VIEW OF WEST ELEVATION OF LANDING AIDS CONTROL BUILDING, FACING NORTHEAST.
- FL-8-11-J-43 VIEW OF WEST AND SOUTH ELEVATIONS OF LANDING AIDS CONTROL BUILDING, FACING NORTH.
- FL-8-11-J-44 VIEW OF SOUTH ELEVATION OF LANDING AIDS CONTROL BUILDING, FACING NORTHEAST.
- FL-8-11-J-45 VIEW OF SOUTH AND EAST ELEVATIONS OF LANDING AIDS CONTROL BUILDING, FACING WEST.
- FL-8-11-J-46 VIEW OF EAST ELEVATION OF LANDING AIDS CONTROL BUILDING, FACING SOUTHWEST.
- FL-8-11-J-47 VIEW OF EAST AND NORTH ELEVATIONS OF LANDING AIDS CONTROL BUILDING, FACING SOUTH.
- FL-8-11-J-48 VIEW OF OPERATIONS ROOM WITHIN THE LANDING AIDS CONTROL BUILDING, FACING SOUTHWEST.
- FL-8-11-J-49 VIEW OF OPERATIONS ROOM AND FLIGHT PLANNING AREA WITHIN THE LANDING AIDS CONTROL BUILDING, FACING SOUTHEAST.
- FL-8-11-J-50 VIEW OF FLIGHT PLANNING AREA WITHIN THE LANDING AIDS CONTROL BUILDING, FACING NORTHWEST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 5)

- FL-8-11-J-51 VIEW OF AFT ELEVATION OF MATE-DEMATE DEVICE WITH ORBITER SLINGBACK RAISED, FACING NORTHEAST.
- FL-8-11-J-52 VIEW OF AFT AND STARBOARD ELEVATIONS OF MATE-DEMATE DEVICE, FACING NORTH.
- FL-8-11-J-53 VIEW OF STARBOARD ELEVATION OF MATE-DEMATE DEVICE, FACING NORTHWEST.
- FL-8-11-J-54 VIEW OF STARBOARD AND FORWARD ELEVATIONS OF MATE-DEMATE DEVICE, FACING WEST.
- FL-8-11-J-55 VIEW OF FORWARD ELEVATION OF MATE-DEMATE DEVICE, FACING SOUTHWEST.
- FL-8-11-J-56 VIEW OF FORWARD AND PORT ELEVATIONS OF MATE-DEMATE DEVICE, FACING SOUTH.
- FL-8-11-J-57 VIEW OF PORT ELEVATION OF MATE-DEMATE DEVICE, FACING SOUTHEAST.
- FL-8-11-J-58 VIEW OF PORT AND AFT ELEVATIONS OF MATE-DEMATE DEVICE, FACING EAST.
- FL-8-11-J-59 VIEW OF AFT ELEVATION OF MATE-DEMATE DEVICE WITH ORBITER SLINGBACK LOWERED, FACING NORTHEAST.
- FL-8-11-J-60 DETAIL VIEW OF ORBITER SLINGBACK IN LOWERED POSITION, FACING SOUTHEAST.
- FL-8-11-J-61 DETAIL VIEW OF AFT ORBITER ATTACHMENT MECHANISM ON ORBITER SLINGBACK, FACING EAST.
- FL-8-11-J-62 DETAIL VIEW OF FORWARD ORBITER ATTACHMENT MECHANISM ON ORBITER SLINGBACK, FACING SOUTHEAST.
- FL-8-11-J-63 DETAIL VIEW OF ORBITER SLINGBACK IN RAISED POSITION, FACING NORTHWEST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 6)

- FL-8-11-J-64 DETAIL VIEW OF ORBITER SLINGBACK SHOWING WEIGHT SCALE (CENTER) AND TELESCOPING LEG SUPPORTS (LEFT AND RIGHT), FACING SOUTHWEST.
- FL-8-11-J-65 DETAIL VIEW OF ORBITER SLINGBACK FORWARD HOIST HOOK AND X-Y ADJUSTMENT MOTOR AT 80'-0" LEVEL, FACING NORTHWEST.
- FL-8-11-J-66 DETAIL VIEW OF ORBITER SLINGBACK FORWARD X-Y MOTOR SCREW JACK AT 80'-0" LEVEL, FACING WEST.
- FL-8-11-J-67 DETAIL VIEW OF ORBITER SLINGBACK AFT X-Y MOTOR AT 80'-0" LEVEL, FACING WEST.
- FL-8-11-J-68 DETAIL VIEW OF ORBITER SLINGBACK PORT AFT HOIST PULLEY AT 80'-0" LEVEL, FACING SOUTHWEST.
- FL-8-11-J-69 DETAIL VIEW OF ORBITER SLINGBACK FORWARD HOIST PULLEY AT 80'-0" LEVEL, FACING NORTHWEST.
- FL-8-11-J-70 DETAIL VIEW OF ORBITER SLINGBACK FORWARD HOIST PULLEY CABLE SHIFT AT 80'-0" LEVEL, FACING NORTHWEST.
- FL-8-11-J-71 DETAIL VIEW OF ORBITER SLINGBACK HOISTING MOTORS AT GROUND LEVEL, FACING SOUTHEAST.
- FL-8-11-J-72 DETAIL VIEW OF ORBITER SLINGBACK HOISTING MOTOR CONTROL PANEL AT GROUND LEVEL, FACING SOUTH.
- FL-8-11-J-73 VIEW OF MATE-DEMATE DEVICE 20'-0" LEVEL, FACING NORTHEAST.
- FL-8-11-J-74 DETAIL VIEW OF ORBITER NOSE ACCESS PLATFORM (STARBOARD SIDE) AT 16'-8" LEVEL, FACING SOUTH.
- FL-8-11-J-75 DETAIL VIEW OF HAND-POWERED WINCHES FOR ACCESS PLATFORMS, MATE-DEMATE DEVICE 20'-0" LEVEL, FACING NORTHWEST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 7)

- FL-8-11-J-76 DETAIL VIEW OF HAND-POWERED WINCH (LEFT) AND X-Y MOTOR CONTROLLER (RIGHT), MATE-DEMATE DEVICE 20'-0": LEVEL, FACING SOUTHWEST.
- FL-8-11-J-77 VIEW OF MATE-DEMATE DEVICE 40'-0" LEVEL, FACING SOUTH.
- FL-8-11-J-78 DETAIL VIEW OF ORBITER NOSE ACCESS PLATFORMS (PORT [LEFT] AND STARBOARD [RIGHT] SIDES) AT 42'-6" LEVEL, FACING SOUTHEAST.
- FL-8-11-J-79 DETAIL VIEW OF ORBITER HATCH ACCESS PLATFORM (PORT SIDE) AT 42'-6" LEVEL, FACING NORTHWEST.
- FL-8-11-J-80 DETAIL VIEW OF ACCESS STAIRS/PLATFORM TO ORBITER HATCH ACCESS PLATFORM, MATE-DEMATE DEVICE 40'-0" LEVEL, FACING SOUTHWEST.
- FL-8-11-J-81 DETAIL VIEW OF ROLLING ACCESS PLATFORM AT 35'-0" LEVEL, FACING SOUTH.
- FL-8-11-J-82 VIEW OF MATE-DEMATE DEVICE 60'-0" LEVEL, FACING SOUTHWEST.
- FL-8-11-J-83 DETAIL VIEW OF HAND-POWERED WINCH FOR ACCESS PLATFORMS, MATE-DEMATE DEVICE 60'-0" LEVEL, FACING SOUTHWEST.
- FL-8-11-J-84 VIEW OF MATE-DEMATE DEVICE 80'-0" LEVEL, FACING NORTHWEST.
- FL-8-11-J-85 VIEW OF MATE-DEMATE DEVICE 100'-0" LEVEL, FACING WEST.
- FL-8-11-J-86 VIEW OF STARBOARD SIDE ACCESS/SERVICE PLATFORM, FACING SOUTHWEST.
- FL-8-11-J-87 DETAIL VIEW OF "FLIP PLATFORMS" ON ACCESS/SERVICE PLATFORM, FACING WEST.
- FL-8-11-J-88 VIEW OF HOIST MOTORS FOR ACCESS/SERVICE PLATFORMS AT 100'-0" LEVEL, FACING NORTHWEST.

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 8)

- FL-8-11-J-89 DETAIL VIEW OF CONTROLLER FOR ACCESS/SERVICE PLATFORM
HOISTS AT 40'-0" LEVEL, FACING WEST.
- FL-8-11-J-90 DETAIL VIEW OF ACCESS STAIRS/PLATFORM HAND WINCHES AT
GROUND LEVEL, FACING NORTH.

Photograph Nos. FL-8-11-J-91 through FL-8-11-J-113 are photocopies of engineering drawings, and are 8" x 10" enlargements from 4" x 5" negatives. Original drawings are located at the Engineering Documentation Office, NASA KSC, Florida.

- FL-8-11-J-91 Photocopy of drawing
LAUNCH COMPLEX 39-SPACE SHUTTLE LANDING FACILITIES
NASA, John F. Kennedy Space Center, Florida
Drawing 79K04186, NASA-KSC, April, 1973
MASTER SITE PLAN
Sheet 2
- FL-8-11-J-92 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE I
NASA, John F. Kennedy Space Center, Florida
Drawing 79K04486, J.E. Greiner Company, Inc., December, 1973
COVER SHEET
Sheet C-1
- FL-8-11-J-93 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE I
NASA, John F. Kennedy Space Center, Florida
Drawing 79K04486, J.E. Greiner Company, Inc., December, 1973
LOCATION PLAN
Sheet C-2
- FL-8-11-J-94 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE I
NASA, John F. Kennedy Space Center, Florida
Drawing 79K04486, J.E. Greiner Company, Inc., December, 1973
TYPICAL SECTIONS - AIRFIELD
Sheet C-20

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 9)

- FL-8-11-J-95 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE I
NASA, John F. Kennedy Space Center, Florida
Drawing 79K04486, J.E. Greiner Company, Inc., December, 1973
PAVEMENT MARKING PLANS-RUNWAY
Sheet C-60
- FL-8-11-J-96 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE I
NASA, John F. Kennedy Space Center, Florida
Drawing 79K04486, J.E. Greiner Company, Inc., December, 1973
PAVEMENT MARKING PLANS-RUNWAY
Sheet C-61
- FL-8-11-J-97 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE II
NASA, John F. Kennedy Space Center, Florida
Drawing 79K05181, J.E. Greiner Company, Inc., February, 1975
COVER SHEET
Sheet C-1
- FL-8-11-J-98 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE II
NASA, John F. Kennedy Space Center, Florida
Drawing 79K05181, J.E. Greiner Company, Inc., February, 1975
LACB FLOOR PLAN/SCHEDULES
Sheet A-2
- FL-8-11-J-99 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE II
NASA, John F. Kennedy Space Center, Florida
Drawing 79K05181, J.E. Greiner Company, Inc., February, 1975
LACB ELEVATIONS
Sheet A-3

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 10)

- FL-8-11-J-100 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE IIA
NASA, John F. Kennedy Space Center, Florida
Drawing 79K07757, NASA-KSC, November, 1976
OVERALL SITE PLAN
Sheet C-1
- FL-8-11-J-101 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE IIA
NASA, John F. Kennedy Space Center, Florida
Drawing 79K07757, Briel Rhame Poynter & Houser, November, 1976
MATING/DEMATING DEVICE, SITE PLAN & LEGEND
Sheet C-2
- FL-8-11-J-102 Photocopy of drawing
SPACE SHUTTLE LANDING FACILITY-PHASE IIA
NASA, John F. Kennedy Space Center, Florida
Drawing 79K07757, Briel Rhame Poynter & Houser, November, 1976
LANDING AIDS CONTROL BUILDING, 60 HZ POWER
DISTRIBUTION, FLOOR PLAN EQUIPMENT LAYOUT & NOTES
Sheet E-19
- FL-8-11-J-103 Photocopy of drawing
AIRFIELD LIGHTING
NASA, John F. Kennedy Space Center, Florida
Drawing 81K01198, Space Gateway Support, February, 2007
LACB PLAN AND CONTROL CONSOLE
Sheet E-3
- FL-8-11-J-104 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
INDEX, LOCATION MAP & VICINITY MAP
Sheet V-1

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 11)

- FL-8-11-J-105 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
ARCHITECTURAL ELEVATION, ORBITER POSITIONED ON JACKS
Sheet A-1
- FL-8-11-J-106 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
ARCHITECTURAL ELEVATION, ORBITER POSITIONED ON 747 SIDE
ELEVATION
Sheet A-2
- FL-8-11-J-107 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
ARCHITECTURAL ELEVATION, ORBITER POSITIONED ON 747
FRONT ELEVATION
Sheet A-3
- FL-8-11-J-108 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
PLAN VIEW ABOVE LEVEL 100'-0"
Sheet A-4
- FL-8-11-J-109 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
PLANS-ACCESS/SERVICE PLATFORMS
Sheet S-16

CAPE CANAVERAL AIR FORCE STATION, LAUNCH COMPLEX 39,
SHUTTLE LANDING FACILITY
(John F. Kennedy Space Center)
HAER No. FL-8-11-J
INDEX TO PHOTOGRAPHS (page 12)

- FL-8-11-J-110 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
ELEVATION-ACCESS/SERVICE PLATFORM
Sheet S-17
- FL-8-11-J-111 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
ELEVATION-ACCESS/SERVICE PLATFORM
Sheet S-18
- FL-8-11-J-112 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
ORBITER ACCESS PLATFORM AT ELEVATION 16'-8 ¾"
Sheet S-21
- FL-8-11-J-113 Photocopy of drawing
ORBITER MATE/DEMATE DEVICE
NASA, John F. Kennedy Space Center, Florida
Drawing 79K08112, Connell Associates, Inc., December, 1976
ORBITER ACCESS PLATFORM AT EL. 42'-7 ½"
Sheet S-21