

GROUND SUPPORT EQUIPMENT CATALOG

November 2022

KG MANUFACTURING LLC.

1104 SW LAKE RD STE. 101, REDMOND, OR 97756

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WWW.KGMANUFACTURINGLLC.COM

KG Manufacturing LLC.
Ground Support Equipment Catalog
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KTG Manufacuring LLC
Property of:
Redmond OR

CASCADE GSE

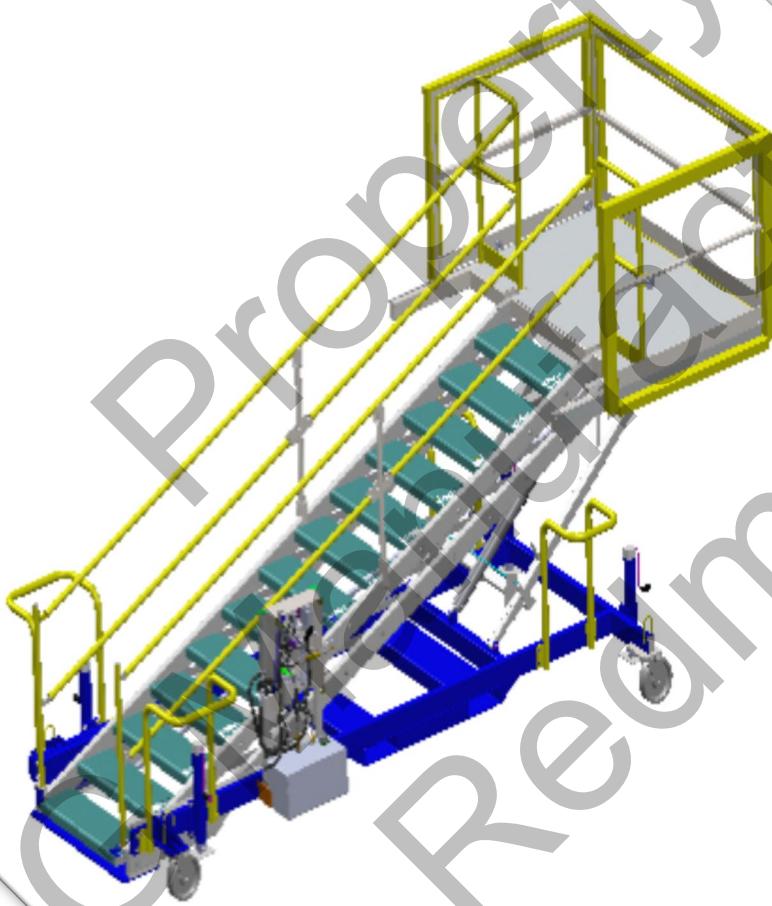
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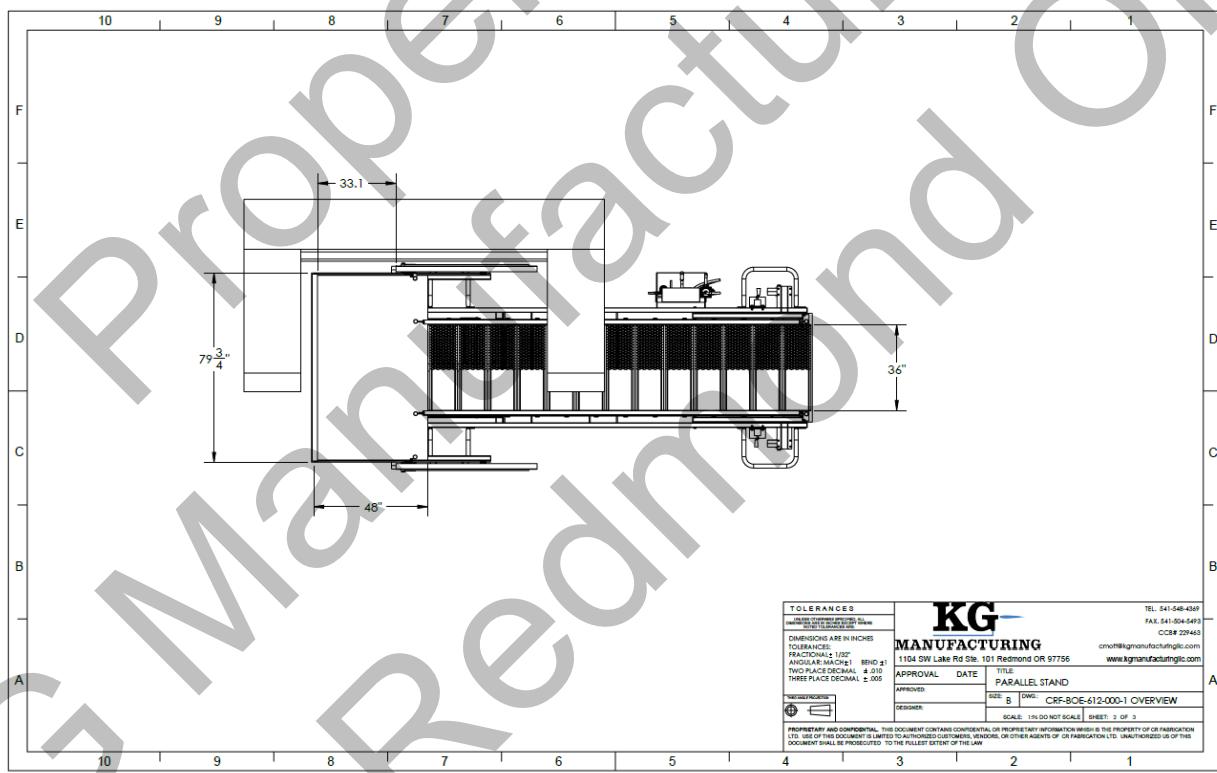
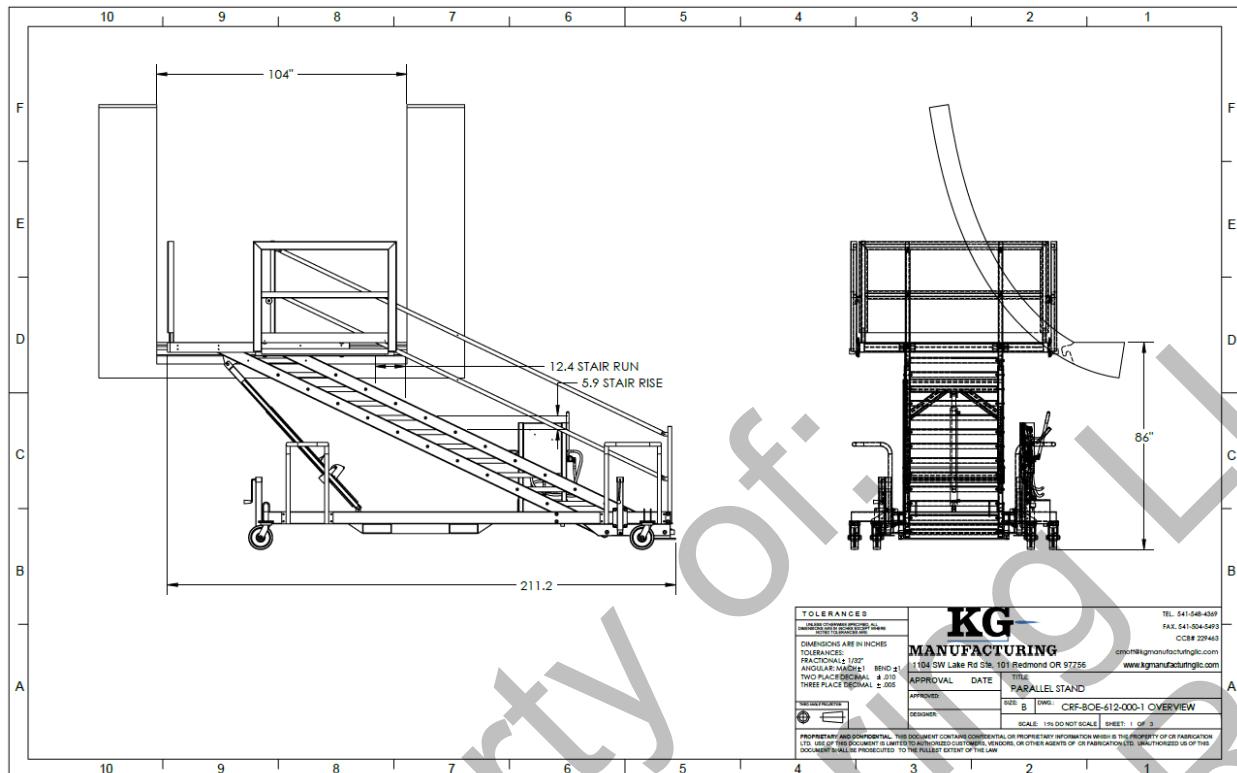
Model # 010-BOE-6-12-PARA

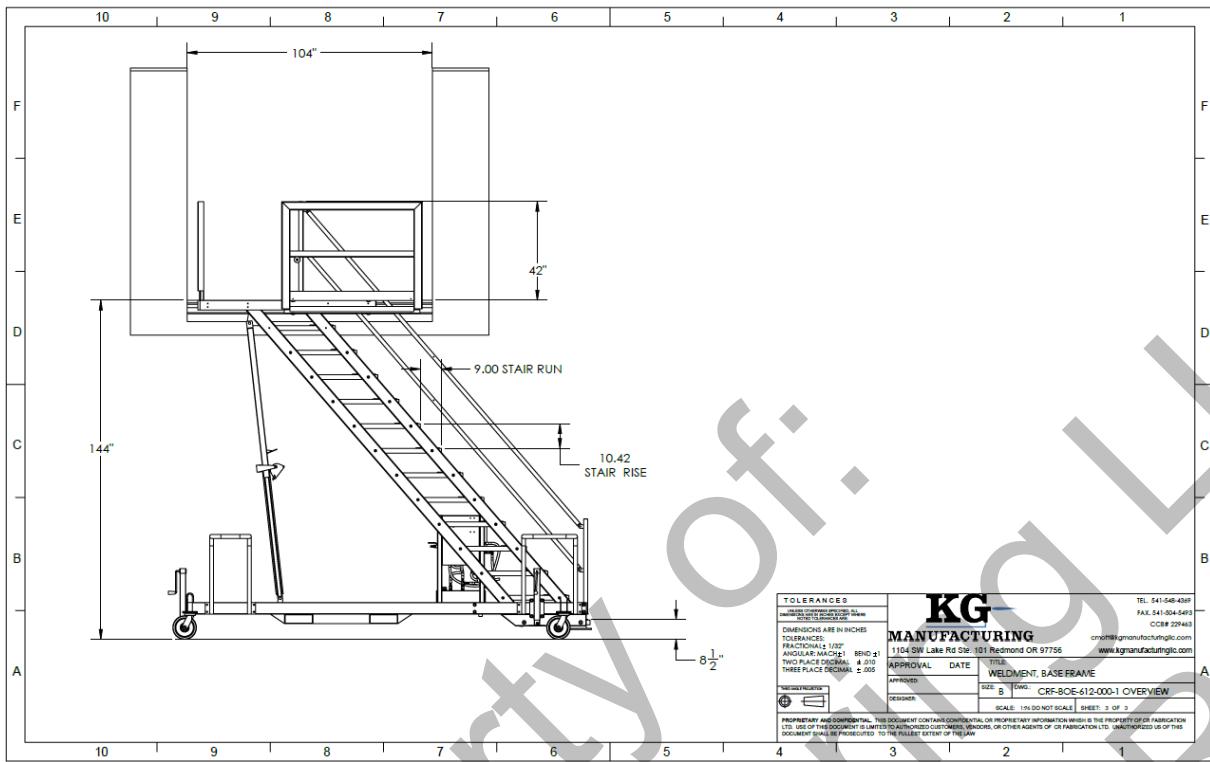
Service Stair

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PALATFORM SIZE
010-BOE-6-12-PARA		6' TO 12'	6'6" X 4'



- 1000 Lb. Deck Capacity
- All Steel Construction
- Air/Hydraulic Platform Adjustment
- Safety Locks
- 4 Leveling/Stabilizing Jacks
- Sliding Side Safety Rails
- Removable Rear Safety Rail
- Polyurethane Foam Bumpers
- 10" Swivel Casters with Poly Tread
- Swivel Locks 90 Degree Increments
- Grip Strut Safety Grating on Stairs
- Top Platform Aluminum Traction Tread
- Fork Lift Pockets
- Side Hand Rails lock in place
- Air Supply at Deck





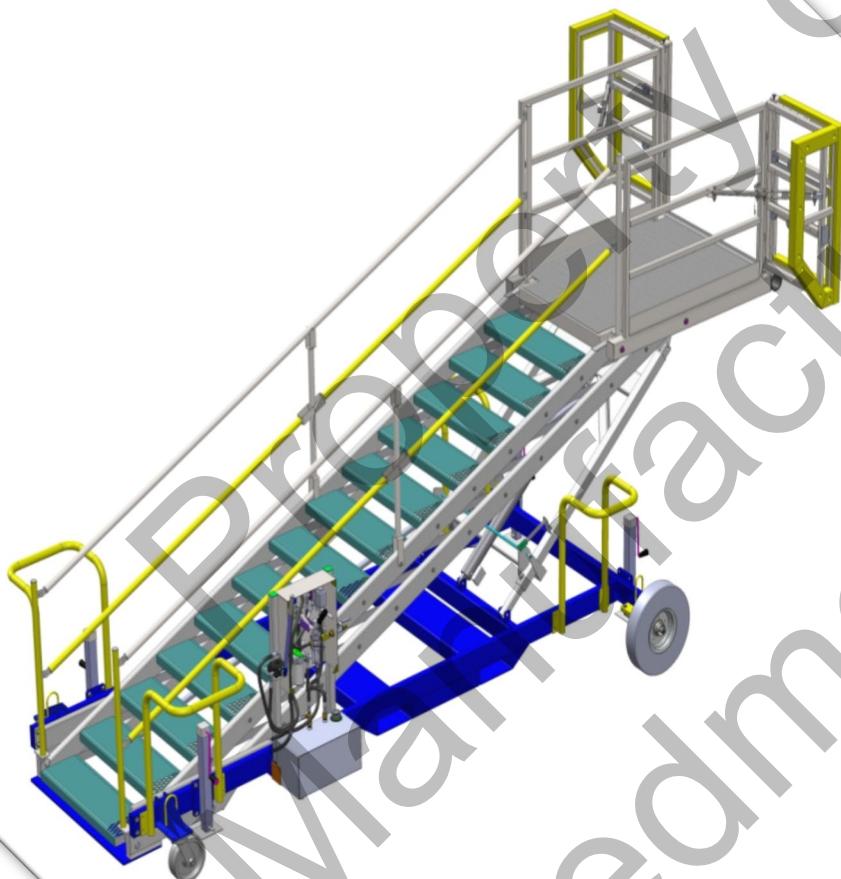
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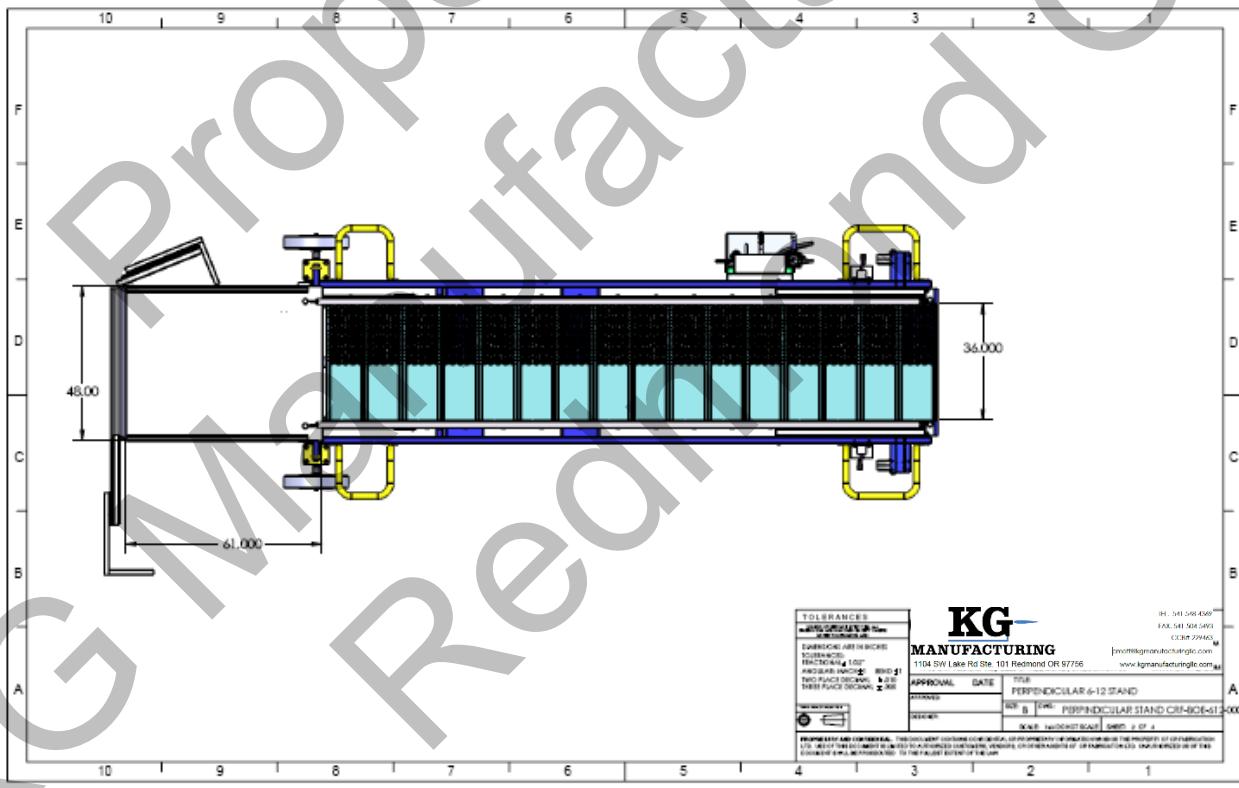
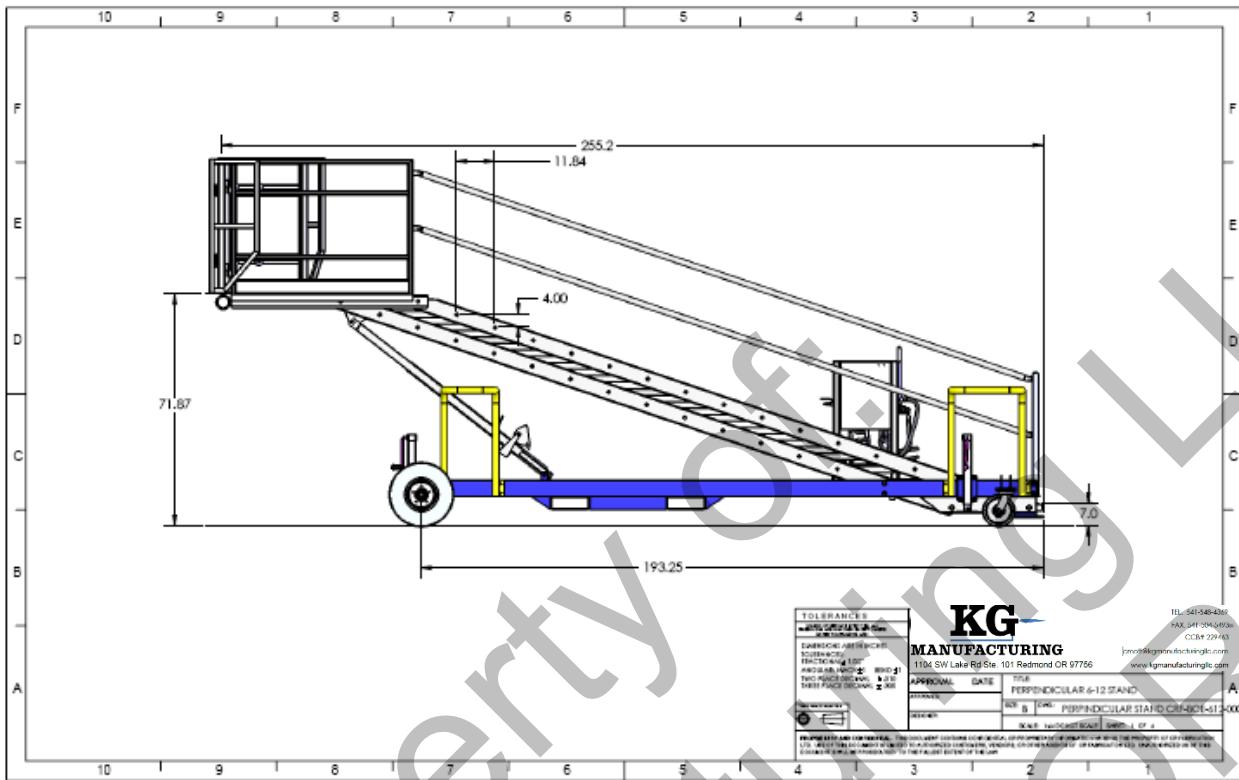
Model # 010-BOE-6-12-PERP

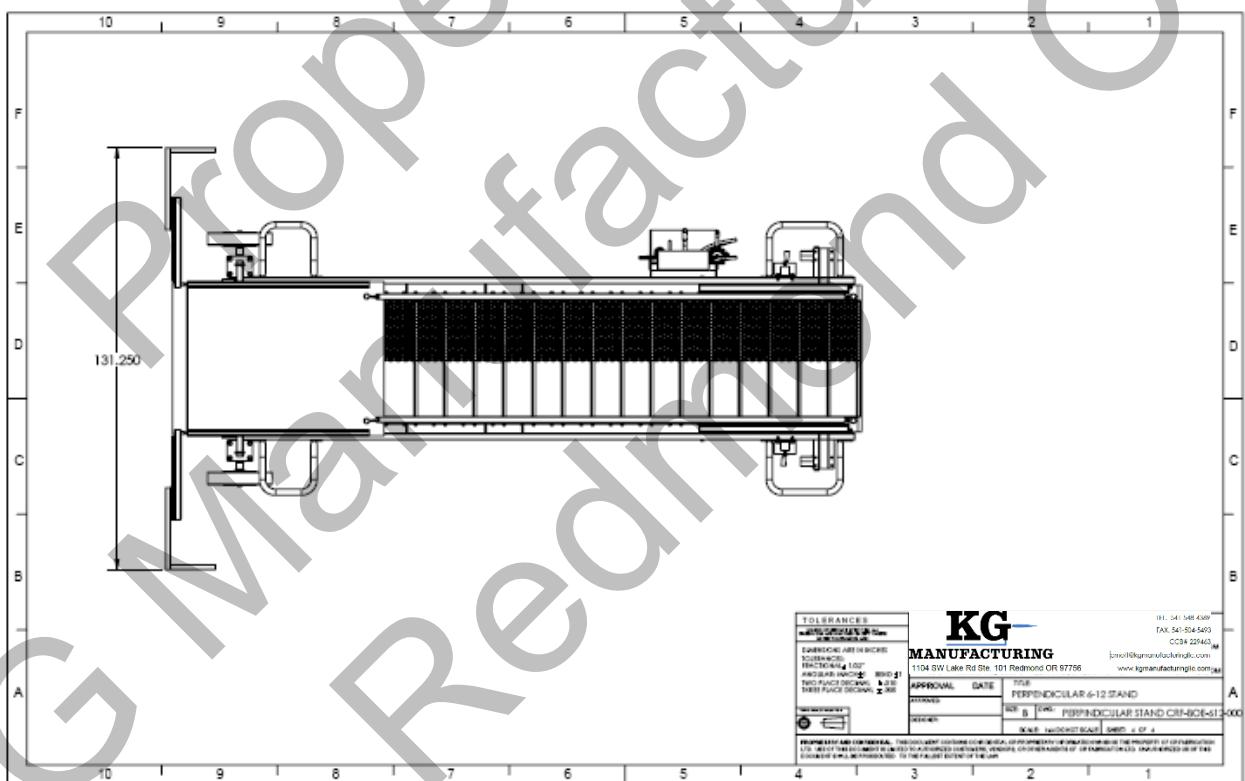
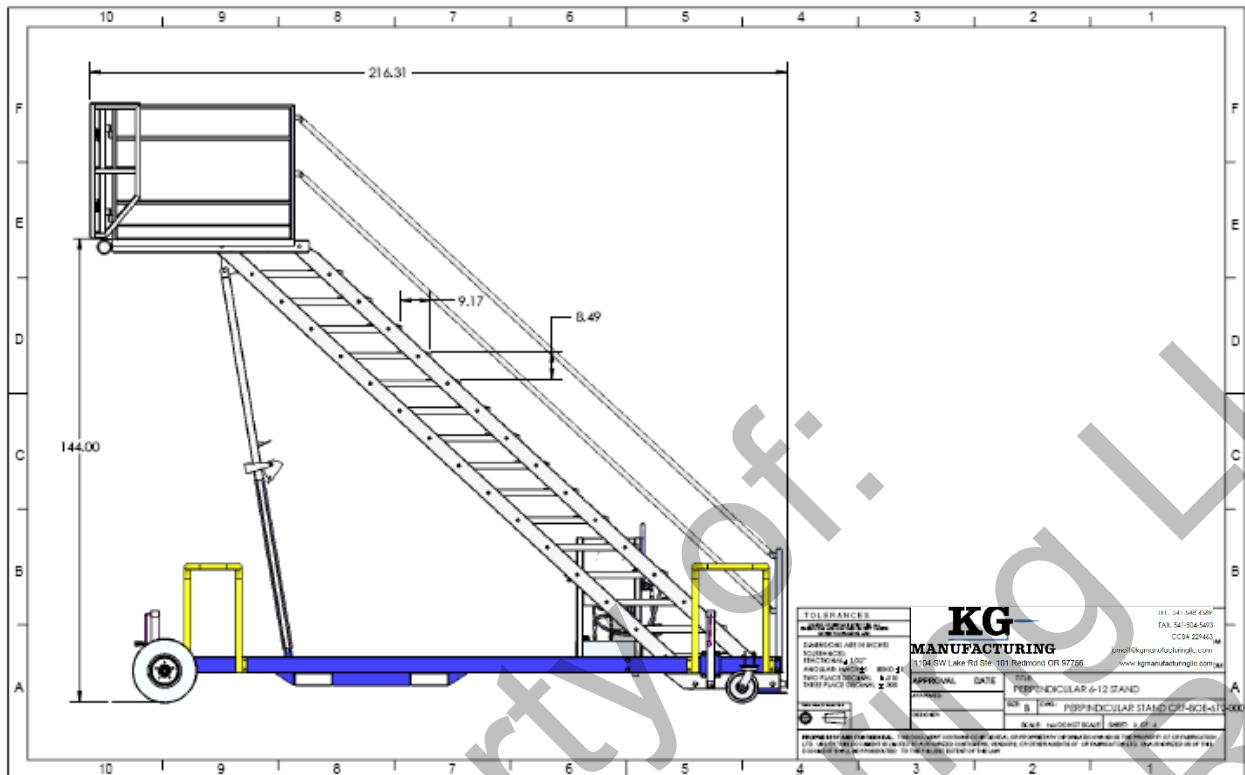
Service Stair



- 1000 Lb. Deck Capacity
- Stand Available in Steel or Aluminum Construction
- Safety Locks
- 4 Leveling/Stabilizing Jacks
- Polyurethane Foam Bumpers
- 10" Swivel Casters with Poly Tread
- Grip Strut Safety Grating on Stairs
- Top Platform Aluminum Traction Tread
- Fork Lift Pockets
- Air/Hydraulic Platform Adjustment
- Sliding End Safety Gates
- Gates Fold and Extend
- End Hand Rails lock in place
- 6.9X9 Solid Tires on the Plane End
- Air Supply at Deck

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
010-BOE-6-12-PERP		6' TO 12"	4' X 5'



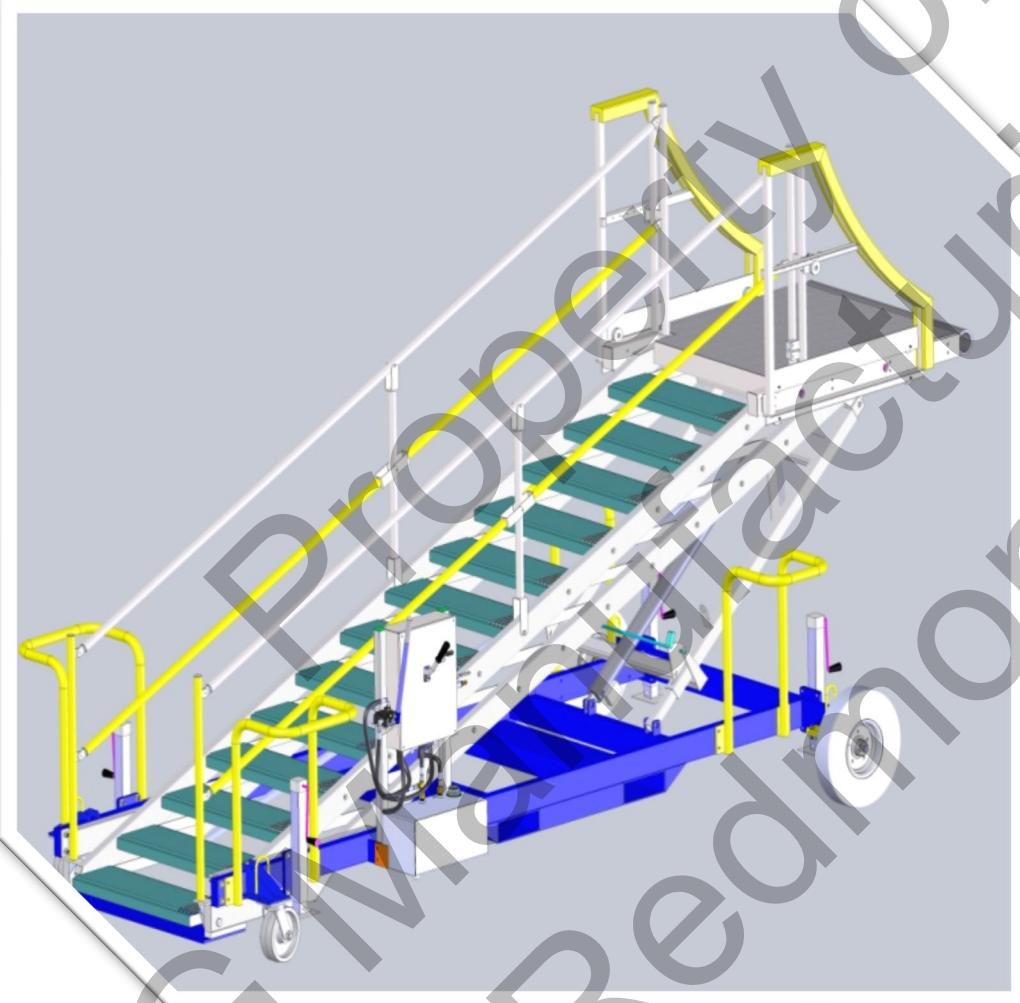




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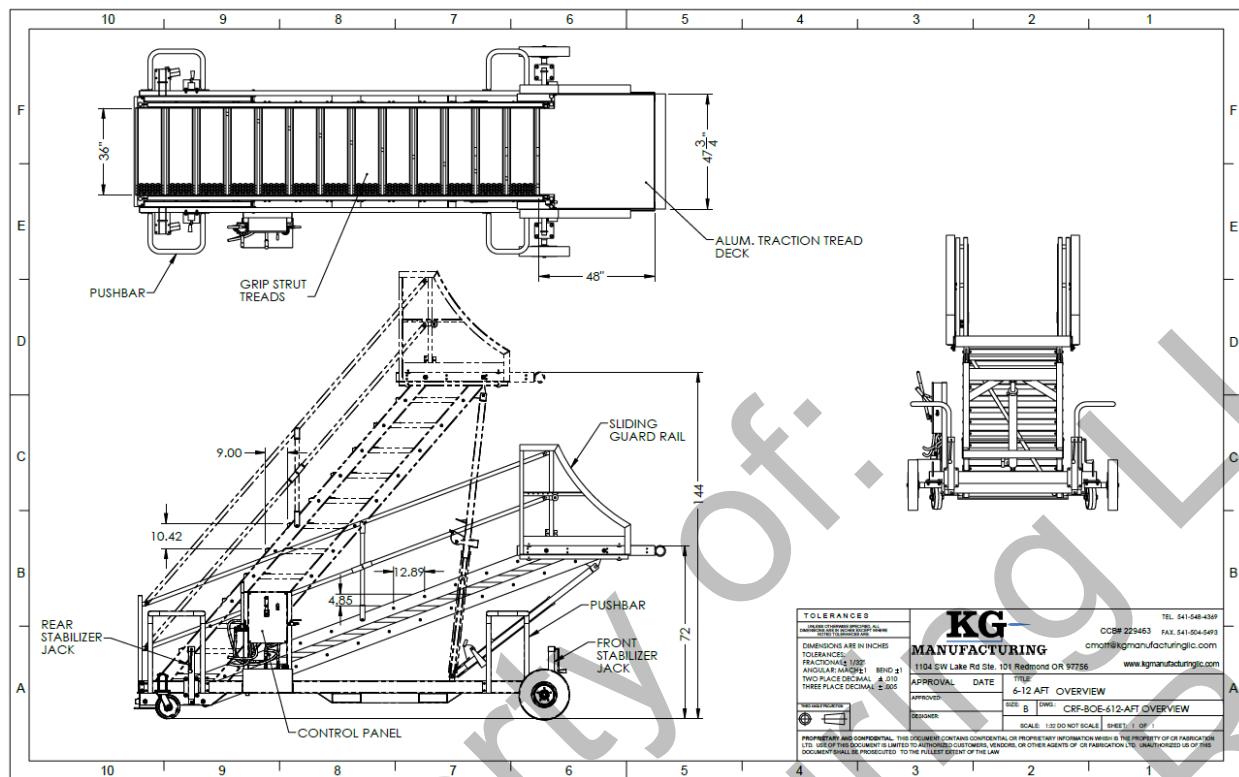
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Model # 010-BOE-6-12-AFT
Service Stair



- 1000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- 4 Leveling/Stabilizing Jacks
- Swivel Casters in Rear
- 6.9X9 Solid Tires on the Plane End
- Fork Lift Pockets
- Non-Marking Pockets
- Grip Strut Safety Grating on Stairs
- Top Platform Alum. Traction Tread
- Push Bars Front and Rear

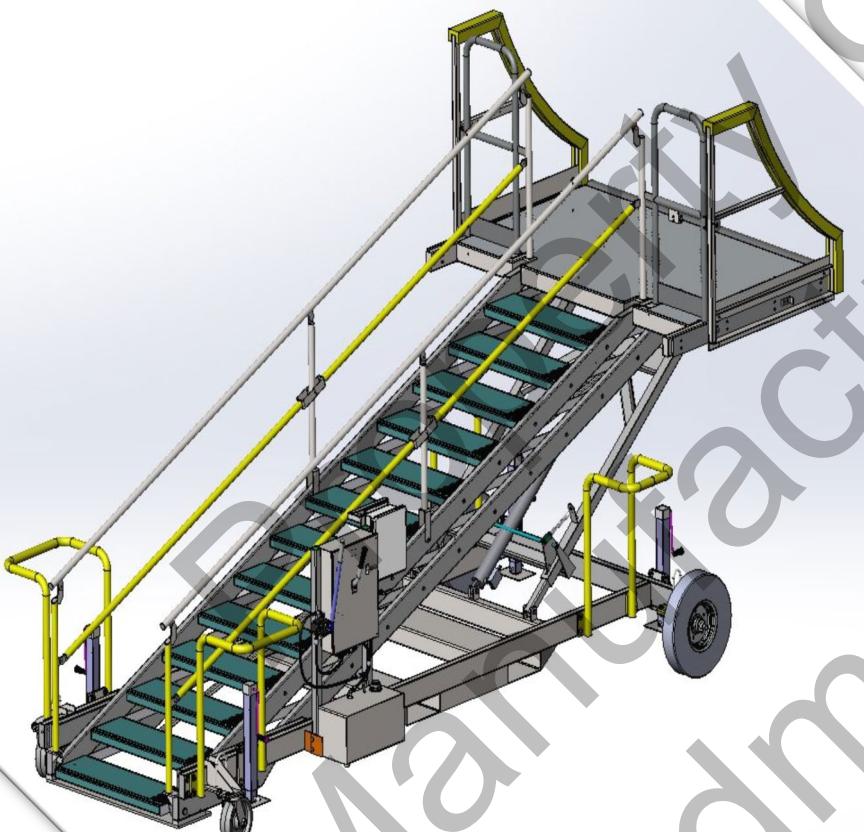
MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
010-BOE-6-12-AFT		6' to 12'	4' X 4'



CASCADE GSE

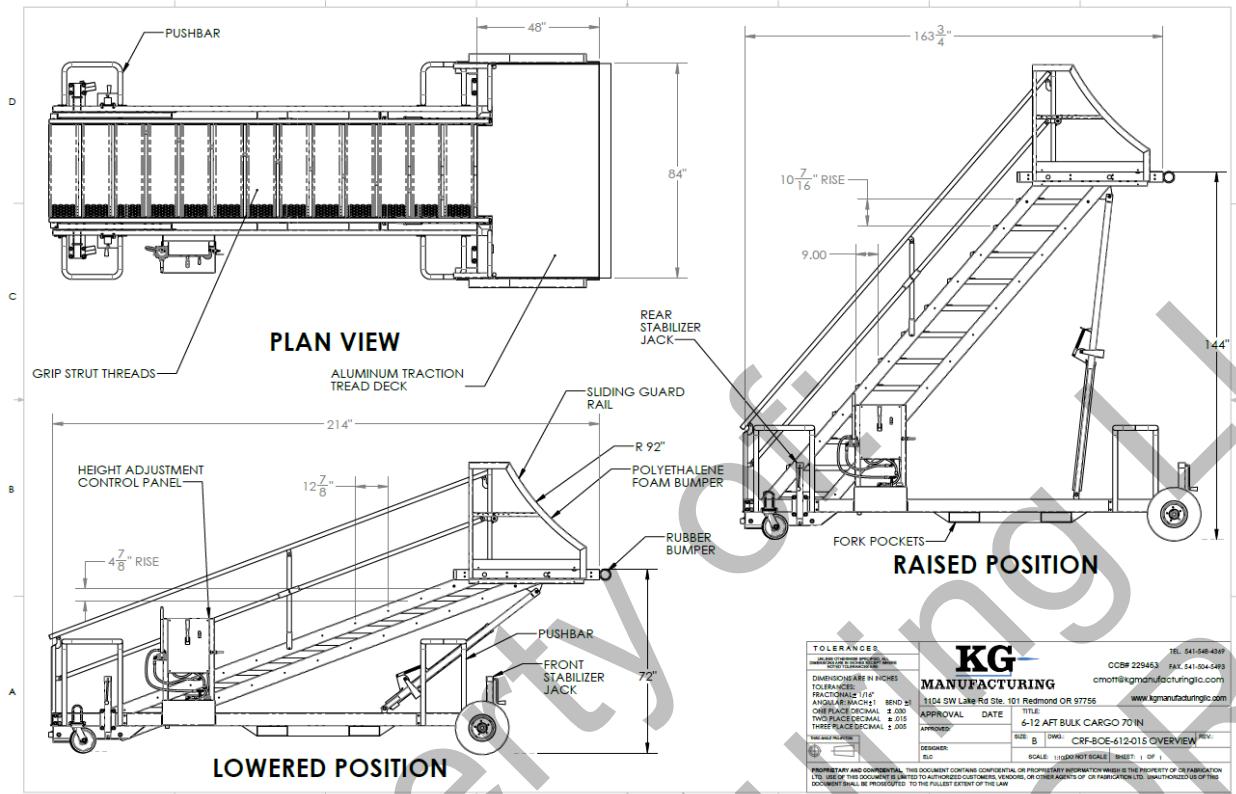
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Model # 015-84-BULK CARGO-6-12
Service Stair



- 1000 Lb. Deck Capacity
- Steel and Aluminum Construction
- 4 Leveling/Stabilizing Jacks
- Swivel Casters in Rear
- 6.9X9 Solid Tires on the Plane End
- Fork Lift Pockets
- Non-Marking Pockets
- Grip Strut Safety Grating on Stairs
- Top Platform Alum. Traction Tread
- Push Bars Front and Rear
- Air over Hydraulic Platform Adjustment

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
015-84-BULK CARGO-6-12		6' to 12'	4' X 7'



TOLERANCES
DIMENSIONS ARE IN INCHES
TOLERANCE:
LINEAR +/- 1/8" ANGULAR +/- 1°
COPLANAR +/- .015 TWO PLACE DECIMAL .005 THREE PLACE DECIMAL .0005

KG MANUFACTURING
1124 SW Lake Rd Ste. 101 Redmond OR 97756
APPROVAL DATE: 6-12 FT BULK CARGO 70 IN
DESIGNER: B Dwg: CRF-BOE-612-015 OVERVIEW Rev. A
SCALE: 1:10 NOT SCALE SHEET 1 OF 1
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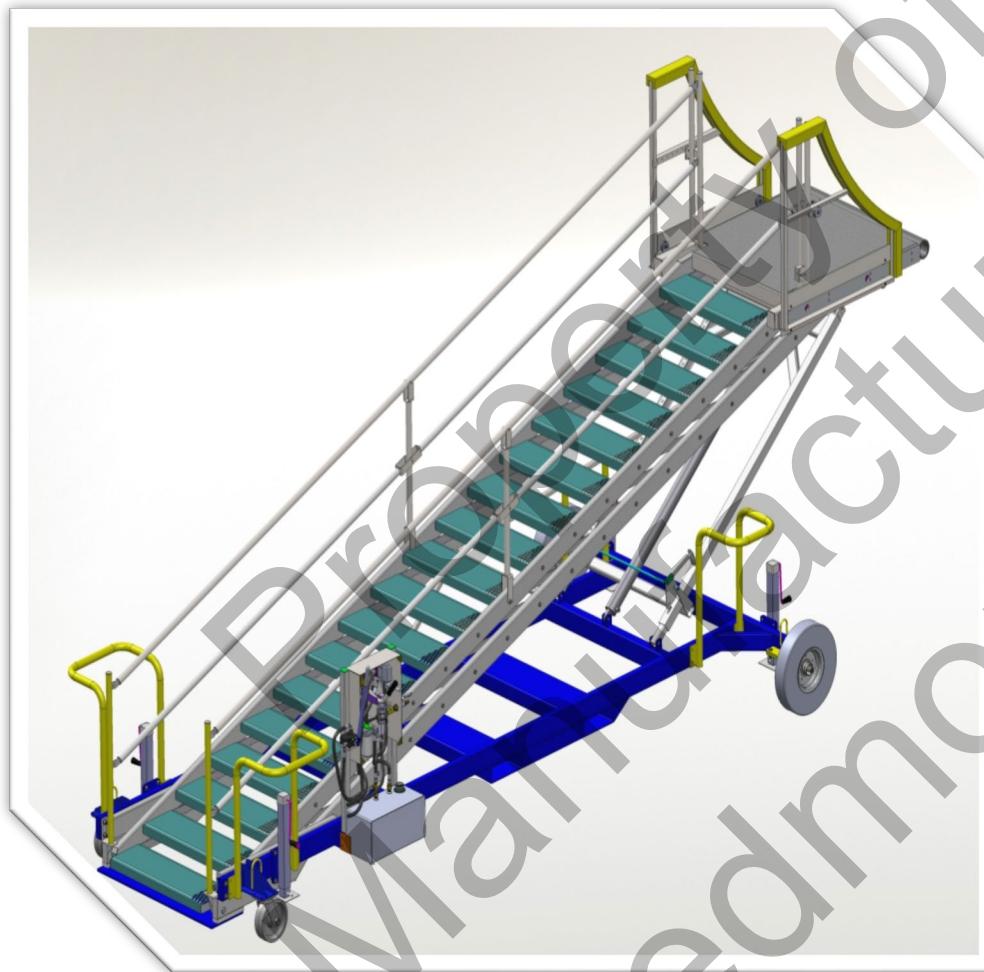


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Model # 010-BOE-AFT-7-16

Service Stair



- 1000 Lb. Deck Capacity
- All Steel Construction
- Safety Locks
- 4 Leveling/Stabilizing Jacks
- Adjustable Platform Rails
- Polyurethane Foam Bumpers top of rails
- 10" Swivel Casters with Poly Tread on stair end
- Grip Strut Safety Grating on Stairs
- Top Platform Aluminum Traction Tread
- Fork Lift Pockets
- Air/Hydraulic Platform Adjustment
- 6.9X9 Solid Tires on the Plane End
- Air Supply at Deck

**MODEL
NUMBER**

010-BOE-AFT-7-16

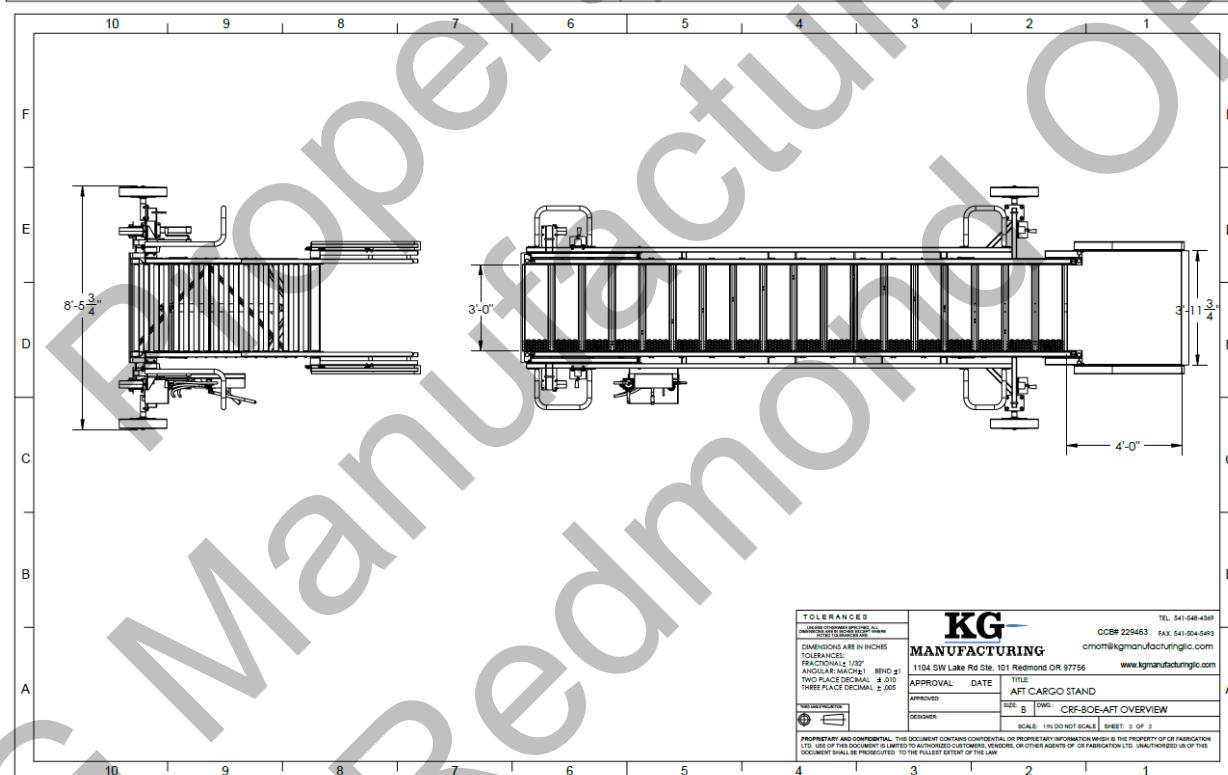
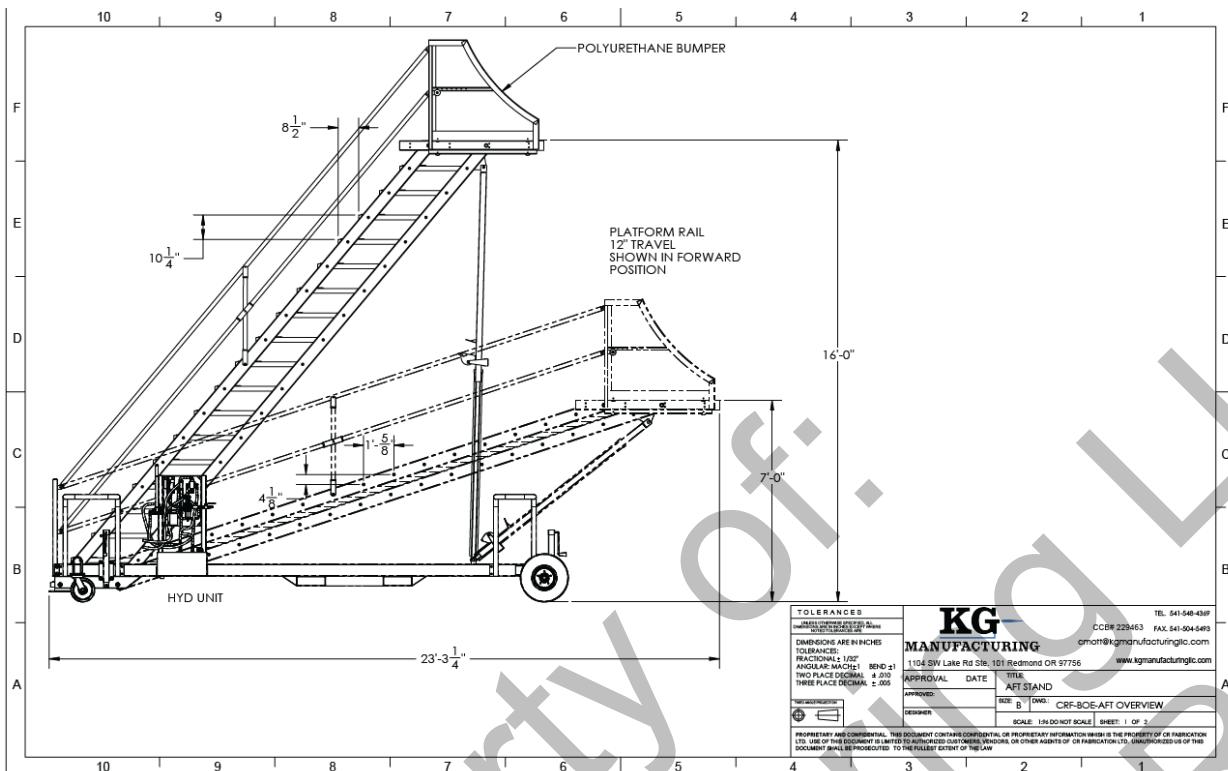
**TYPICAL
AIRCRAFT**

**PLATFORM
HEIGHT**

7' TO 16'

**PLATFORM
SIZE**

4' X 4'

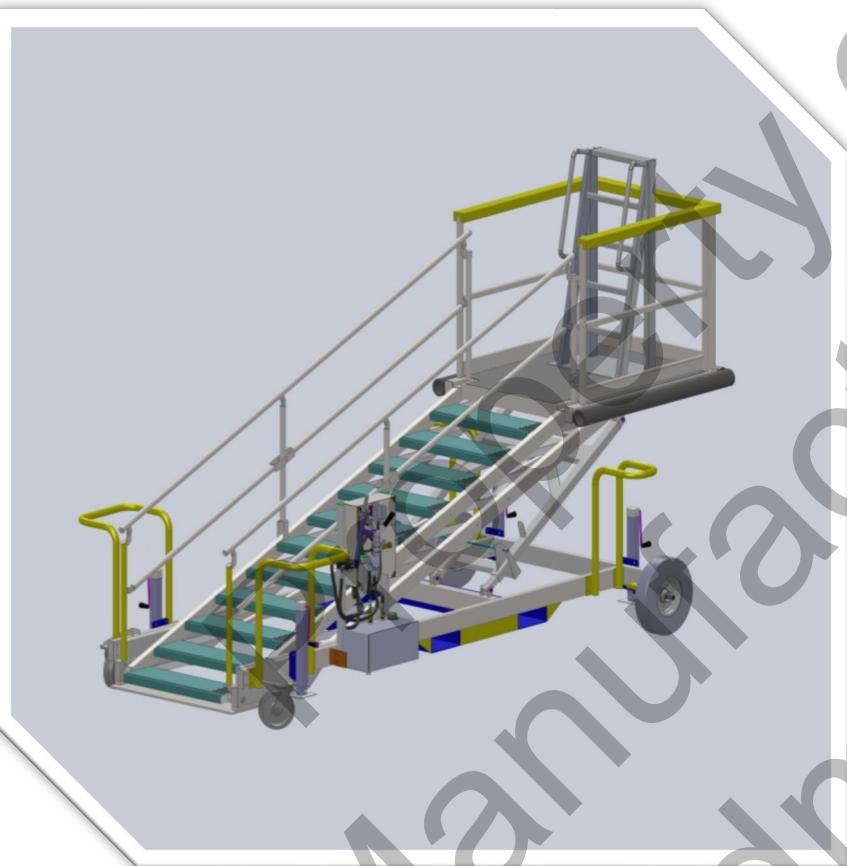


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Model # 011-BOE-SEC. 48-5-10
Service Stair



- 1000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- 4 Leveling/Stabilizing Jacks
- 6.9X9 Solid Tires on the Plane End
- Swivel Caster in Rear
- Fork Lift Pockets
- Non-Marking Bumpers
- Ladder Available in Fixed or Telescopic Construction
- Grip Strut Safety Grating on Stairs
- Top Platform Alum. Traction Tread
- Push Bars Front and Rear
- Also available with Tow Bar (see page XX for Tow Bar info)

**MODEL
NUMBER**

011-BOE-SEC. 48-5-10

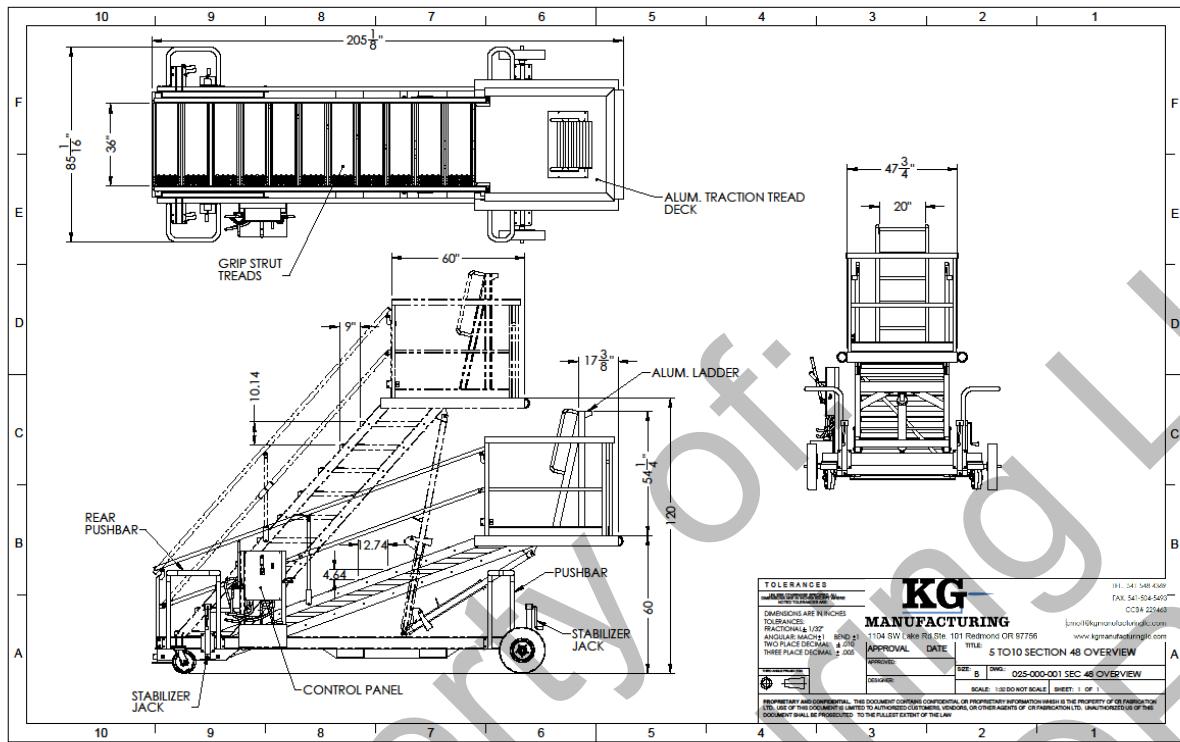
**TYPICAL
AIRCRAFT**

**PLATFORM
HEIGHT**

5' to 10'

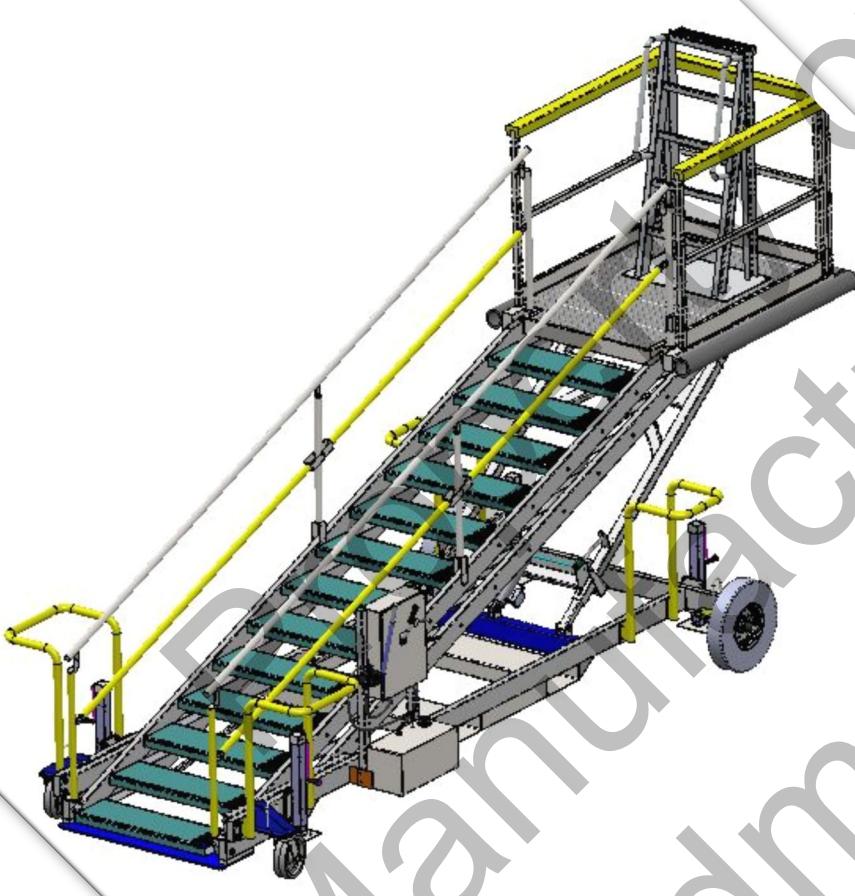
**PLATFORM
SIZE**

4' X 5'



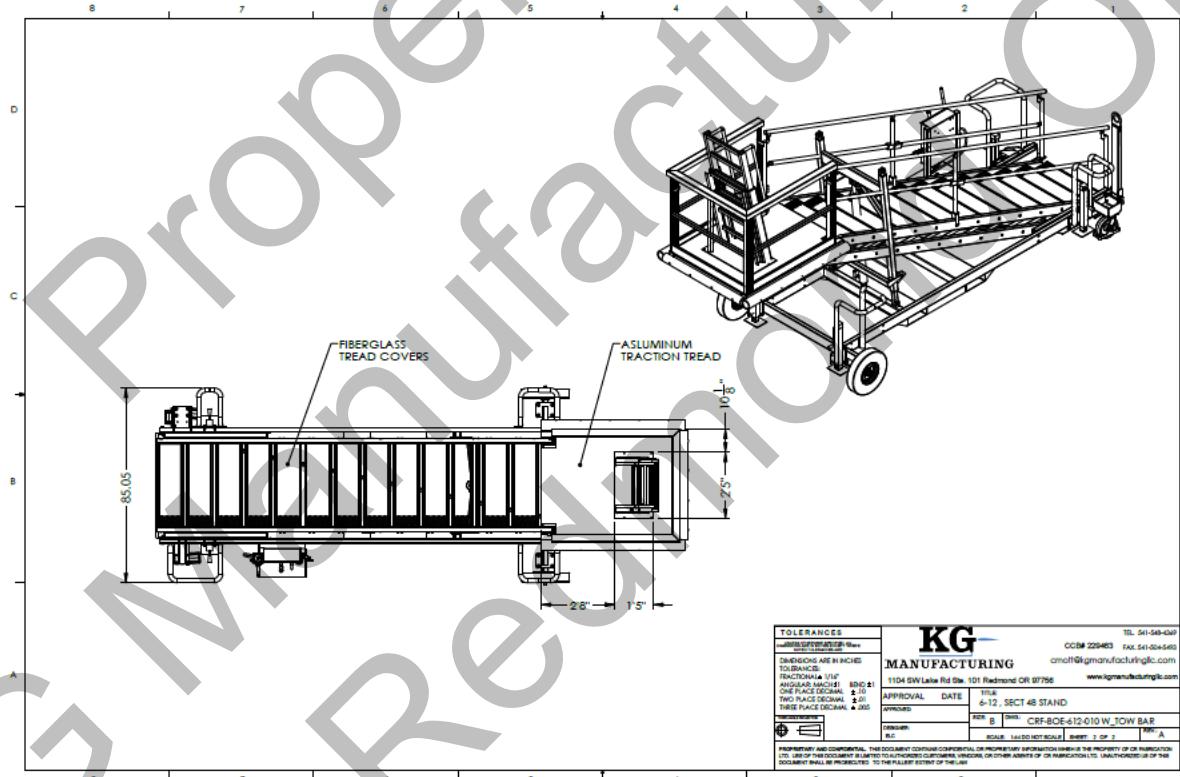
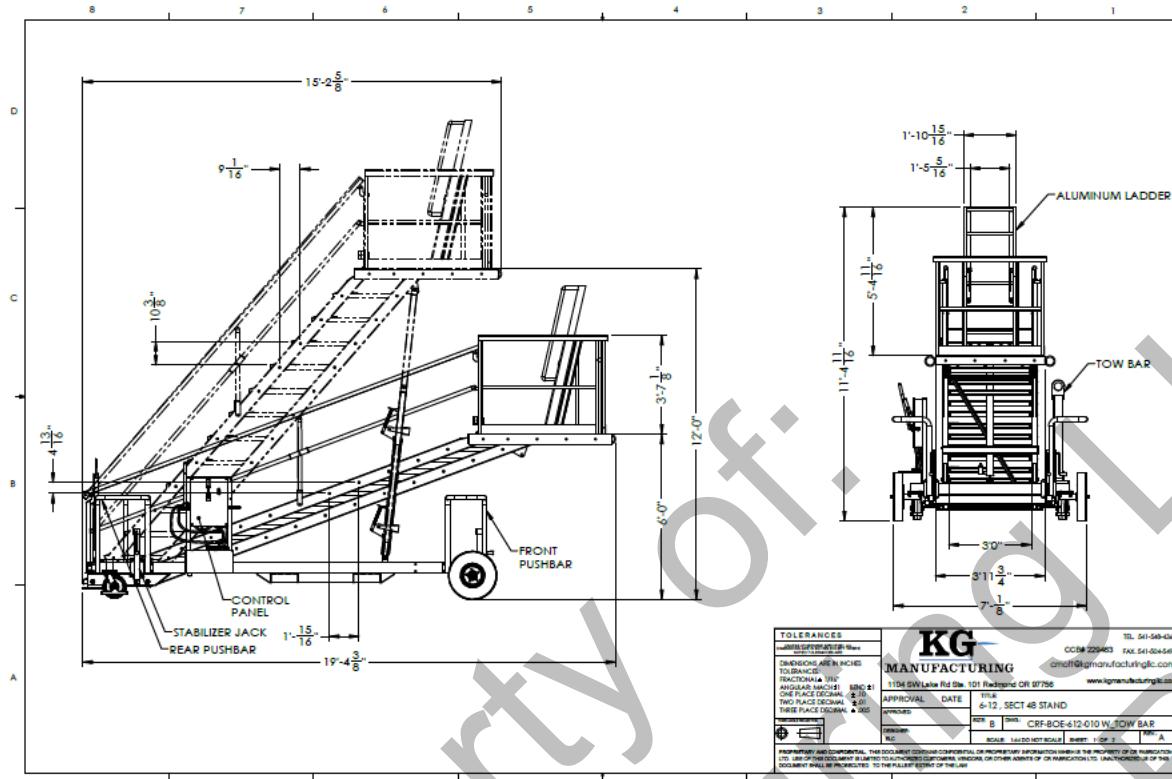
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Model # 011-BOE-SEC. 48 6-12
Service Stair



- 1000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- 4 Leveling/Stabilizing Jacks
- 6.9X9 Solid Tires on the Plane End
- Swivel Caster in Rear
- Fork Lift Pockets
- Non-Marking Bumpers
- Ladder Available in Fixed or Telescopic Construction (see pages xxx-xxx for ladder options)
- Grip Strut Safety Grating on Stairs
- Top Platform Alum. Traction Tread
- Push Bars Front and Rear
- Also available with Tow Bar (see page XX for Tow Bar info)

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
011-BOE-SEC. 48 6-12		6' to 12'	4' X 5'





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turing Co., LLC

CASCADE GSE

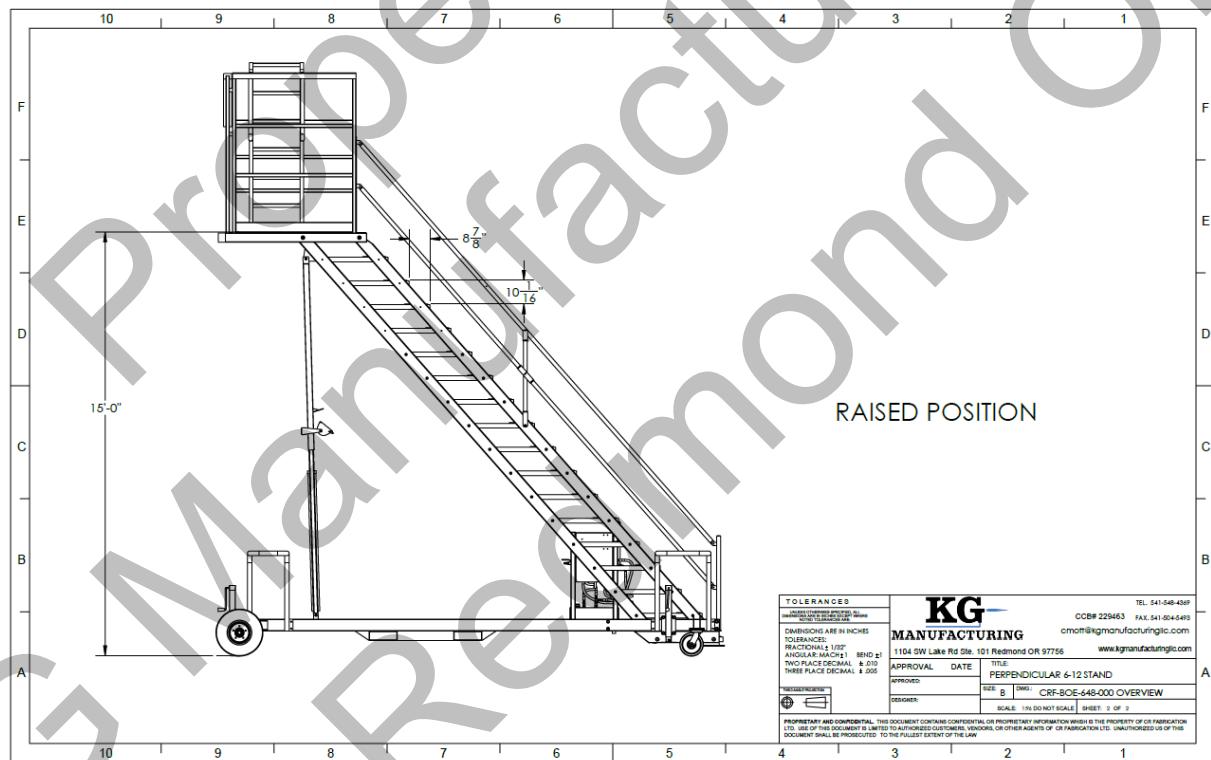
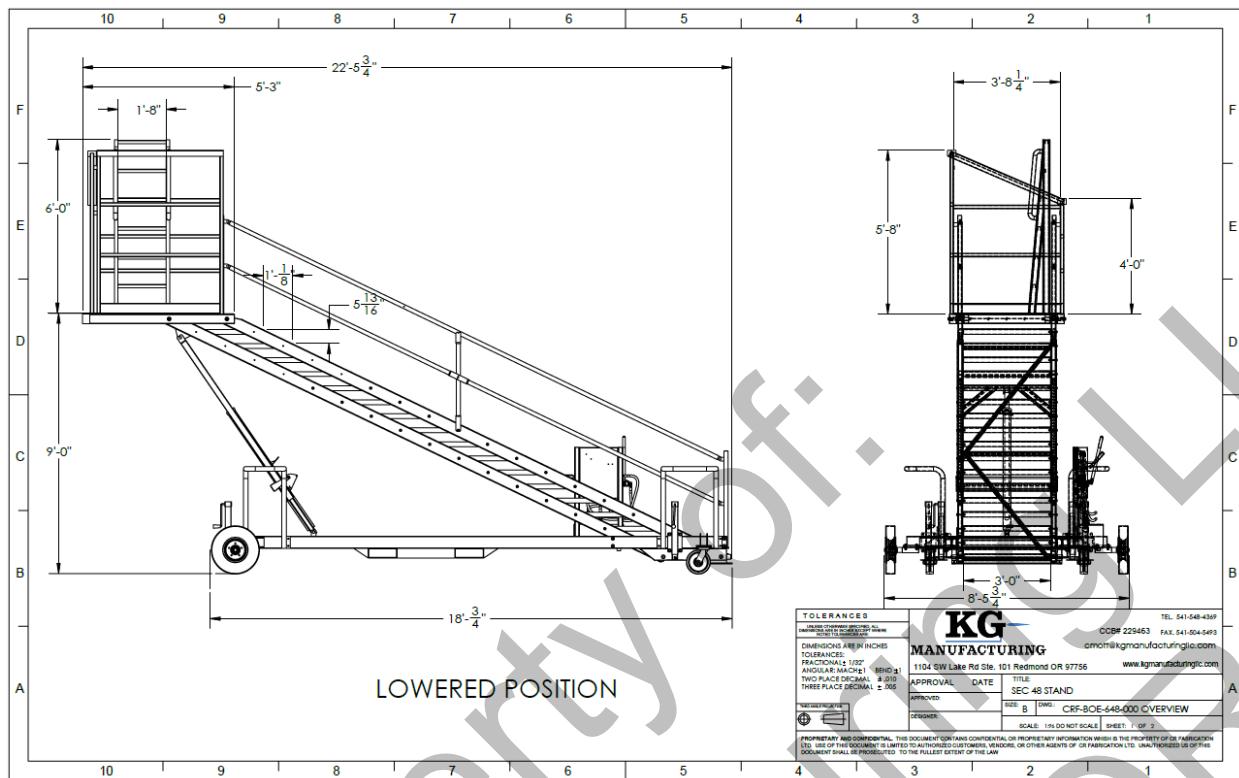
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Model # 010-BOE-SEC.48 9-15
Service Stair



- 700 Lb. Deck Capacity
- All Steel Construction
- Safety Locks
- 4 Leveling/Stabilizing Jacks
- Removable Platform Rails
- Polyurethane Foam Bumpers top of rails
- 10" Swivel Casters with Poly Tread on stair end
- Grip Strut Safety Grating on Stairs
- Top Platform Aluminum Traction Tread
- Fork Lift Pockets
- Air/Hydraulic Platform Adjustment
- 6.9X9 Solid Tires on the Plane End
- Air Supply at Deck
- Ladder Available in Fixed or Telescopic Construction
- Available with Tow Bar (see page XX for info)

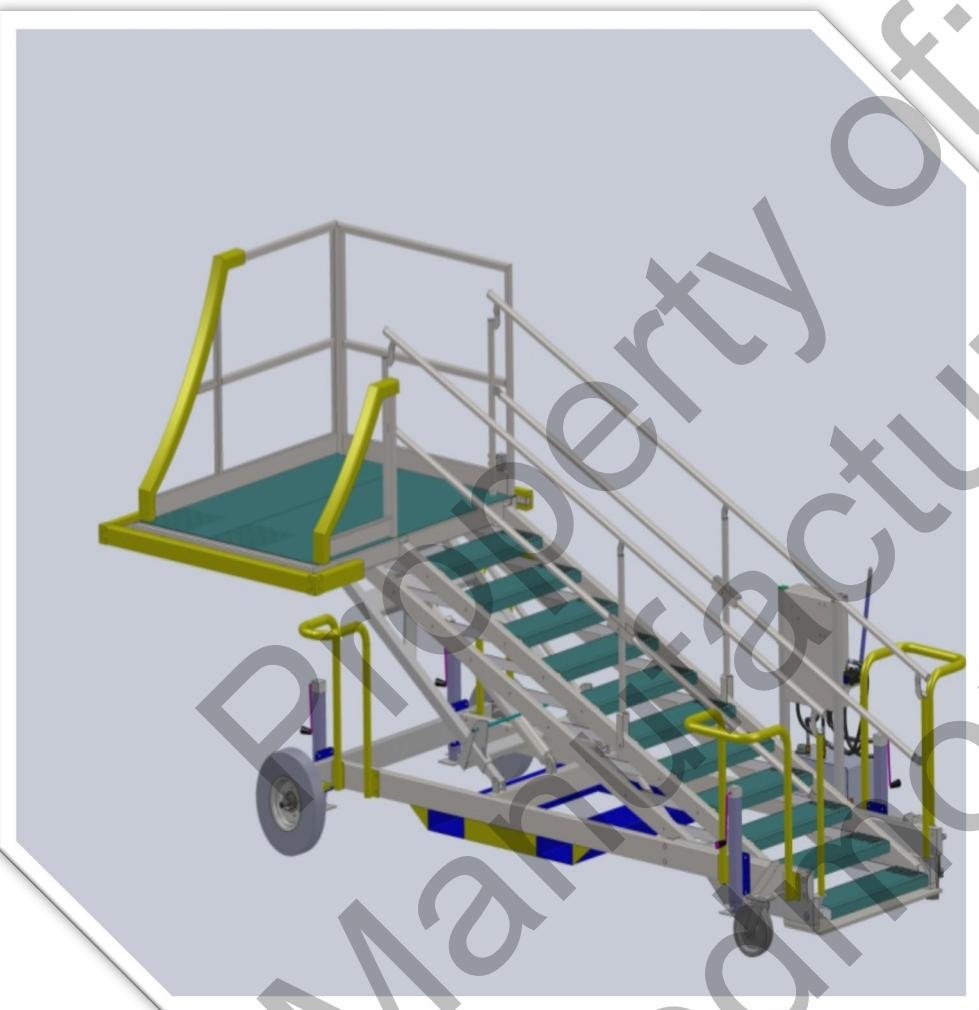
MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
010-BOE-SEC. 48 9-15		9' to 15'	4' X 5'



CASCADE GSE

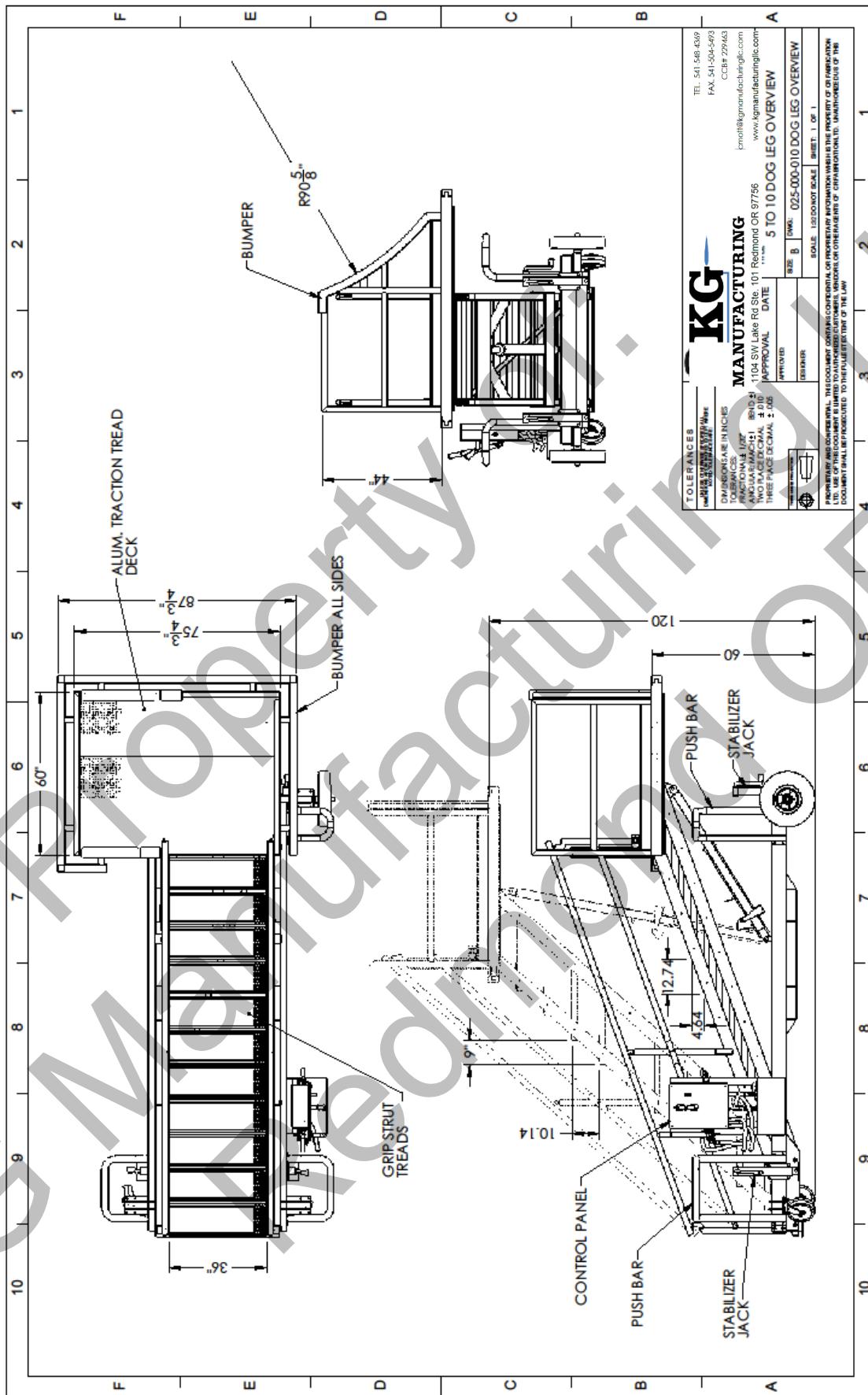
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Model # 011-BOE-5-10-DL
Service Stair



- 1000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- 4 Leveling/Stabilizing Jacks
- 6.9X9 Solid Tires on the Plane End
- Swivel Caster in Rear
- Fork Lift Pockets
- Non-Marking Bumpers
- Grip Strut Safety Grating on Stairs
- Top Platform Alum. Traction Tread
- Push Bars Front and Rear

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
011-BOE-5-10-DL		5' to 10'	6'-4" X 5'

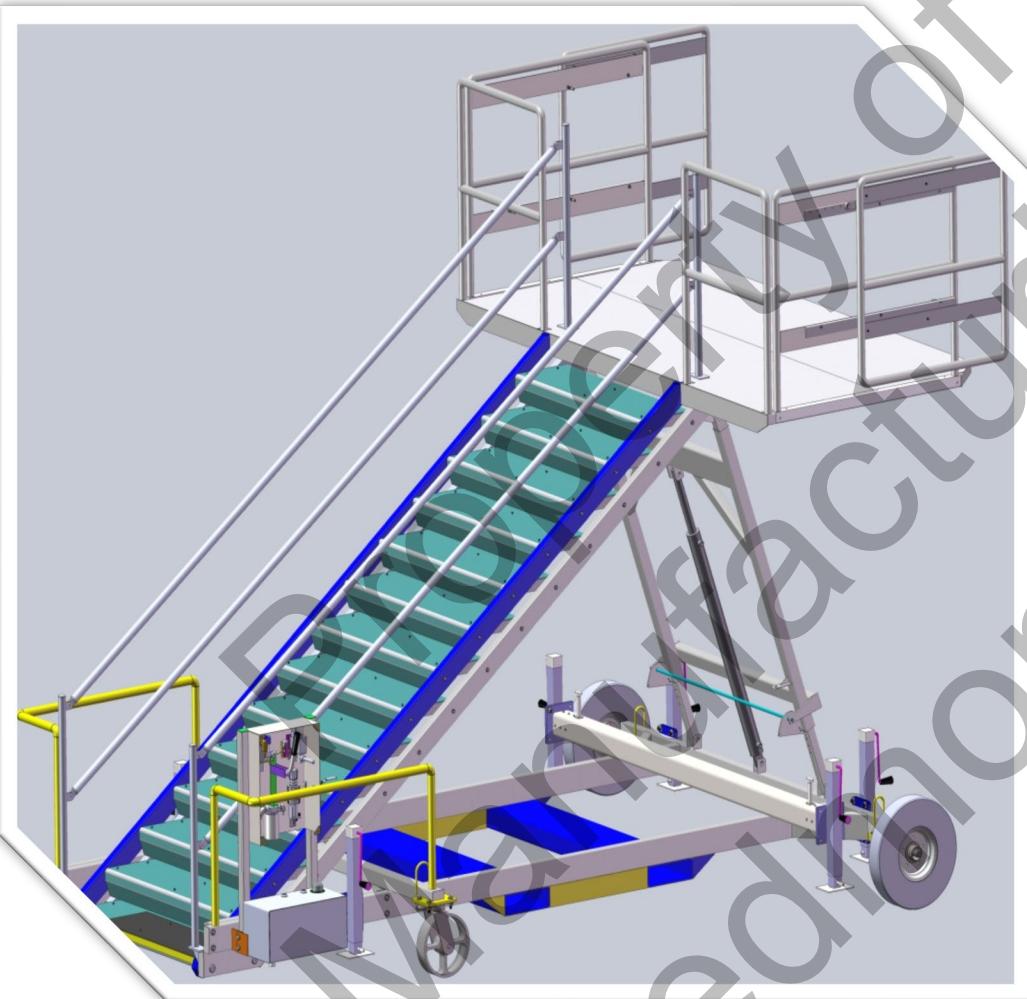


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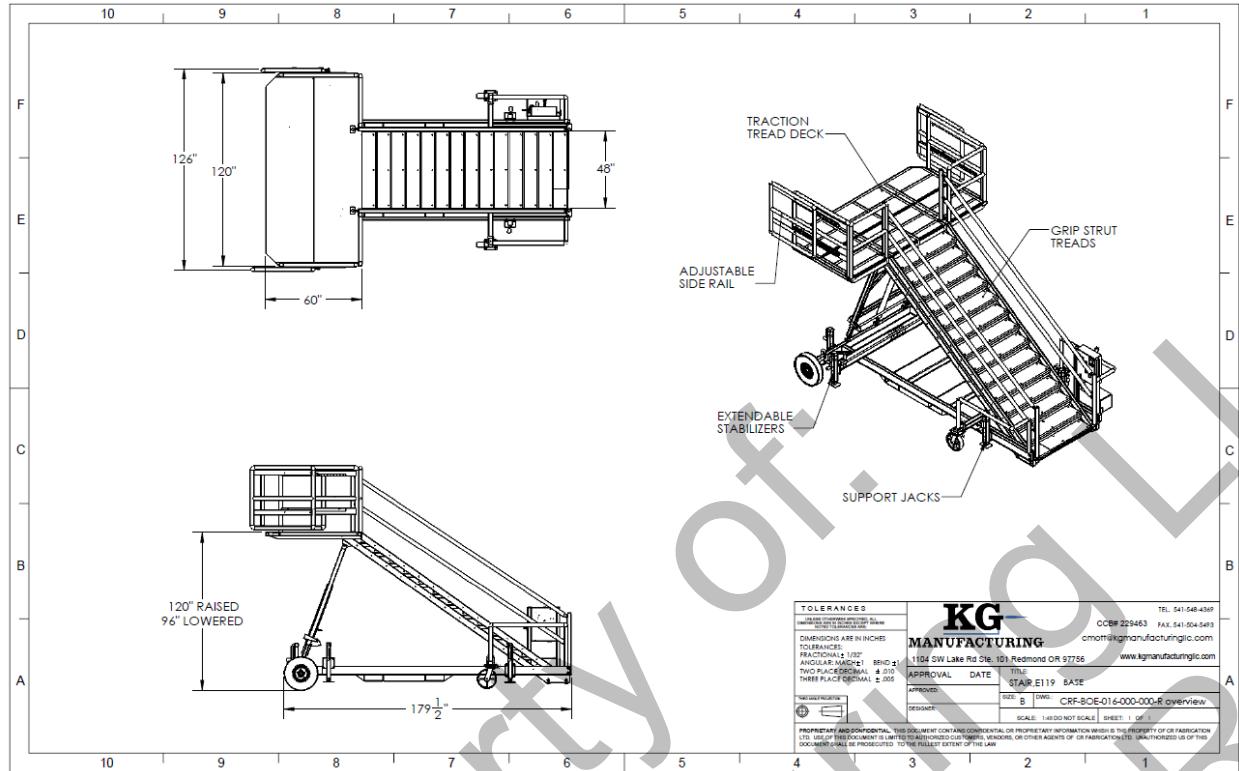
KG MANUFACTURING LLC.

Model # E119-Base
Service Stair



- 1000 Lb. Deck Capacity
- All Steel Construction
- Air/Hydraulic Platform Adjustment
- Safety Locks
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Locking Sliding Sides
- Grip Strut Safety Grating on Stairs
- 10" Swivel Caster with Poly Tread
- Painted Pipe Handrail
- Open Sides

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
E119-Base		8'4" to 10'4"	5'X10'

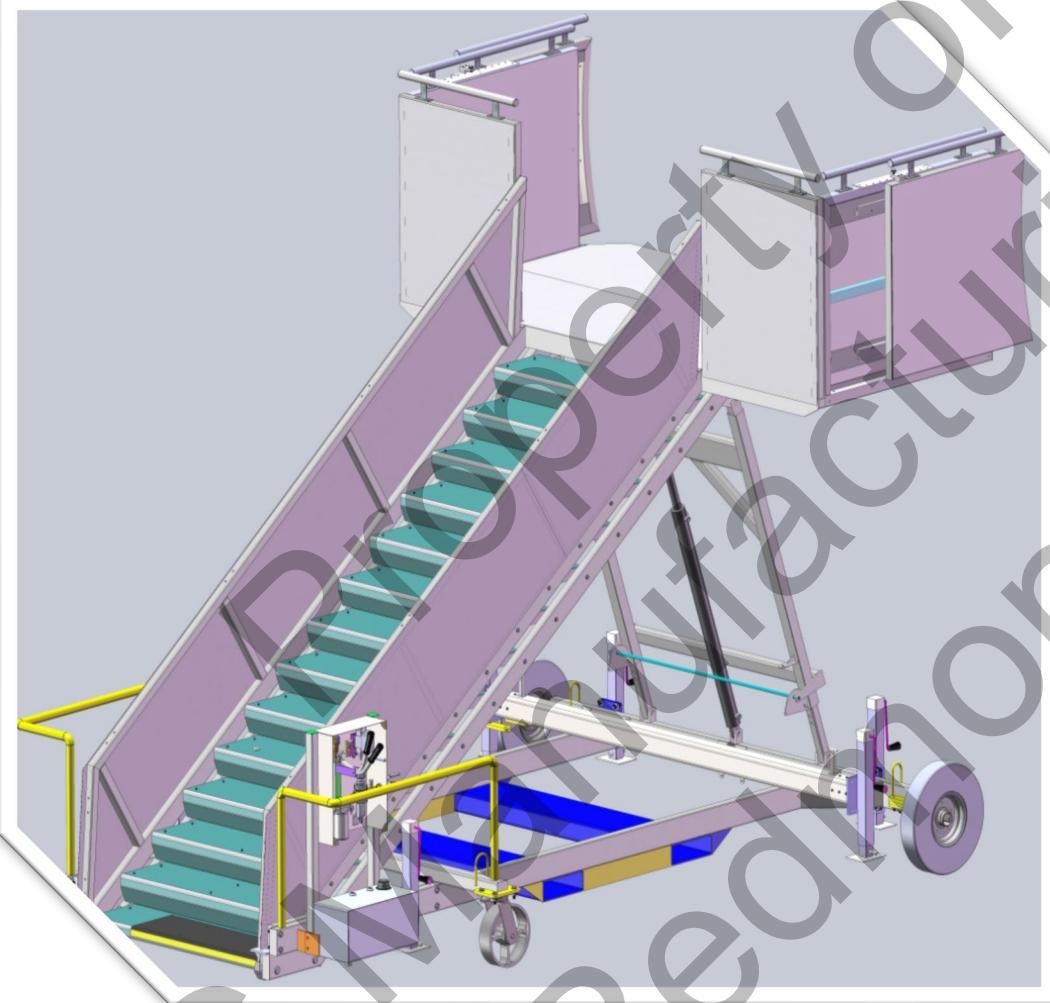


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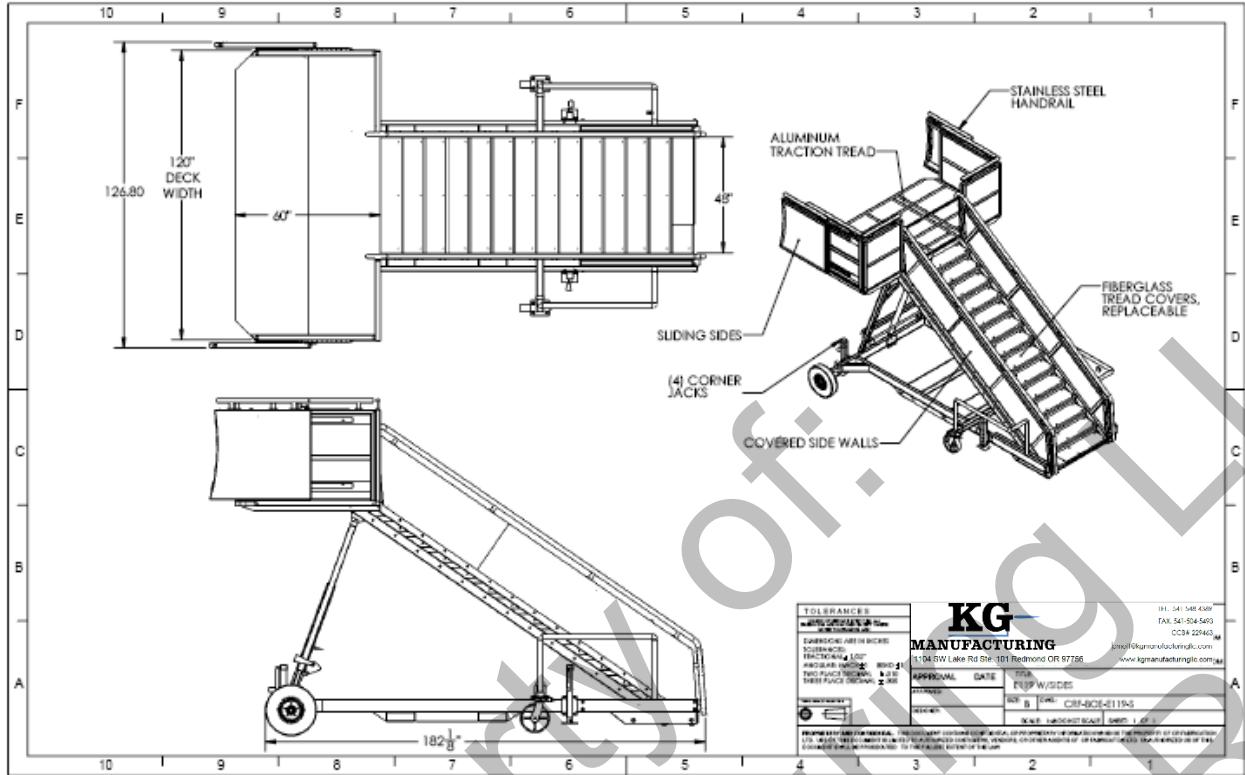
KG MANUFACTURING LLC.

Model # E119-Standard
Service Stair



- 1000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- Safety Lock
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Locking Sliding Sides
- Non-Marking Bumpers
- Top Platform-Alum. Traction Tread
- Fiberglass Tread Covers
- 10" Swivel Caster with Poly Tread
- Stainless Steel Hand Rail
- Covered Side Walls

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
E119-Standard		8'4" to 10'4"	5' X 10'



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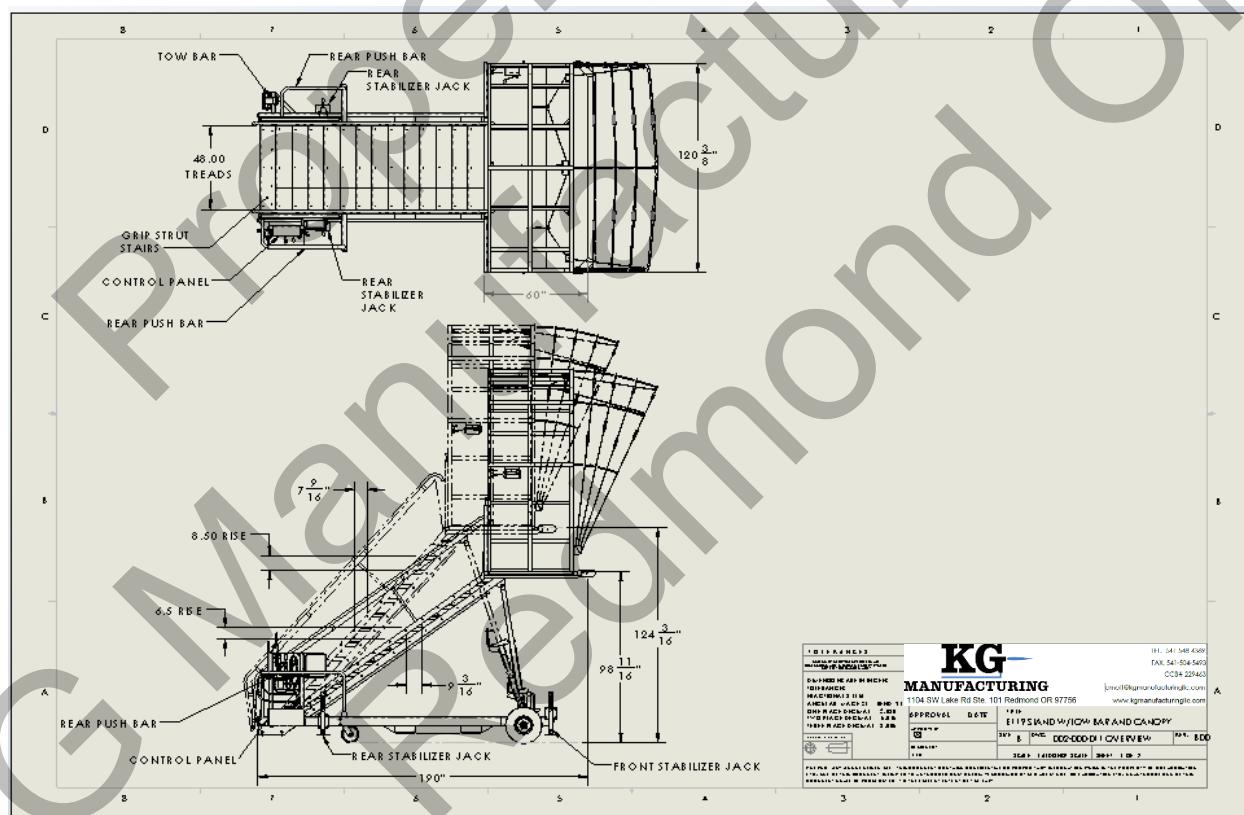
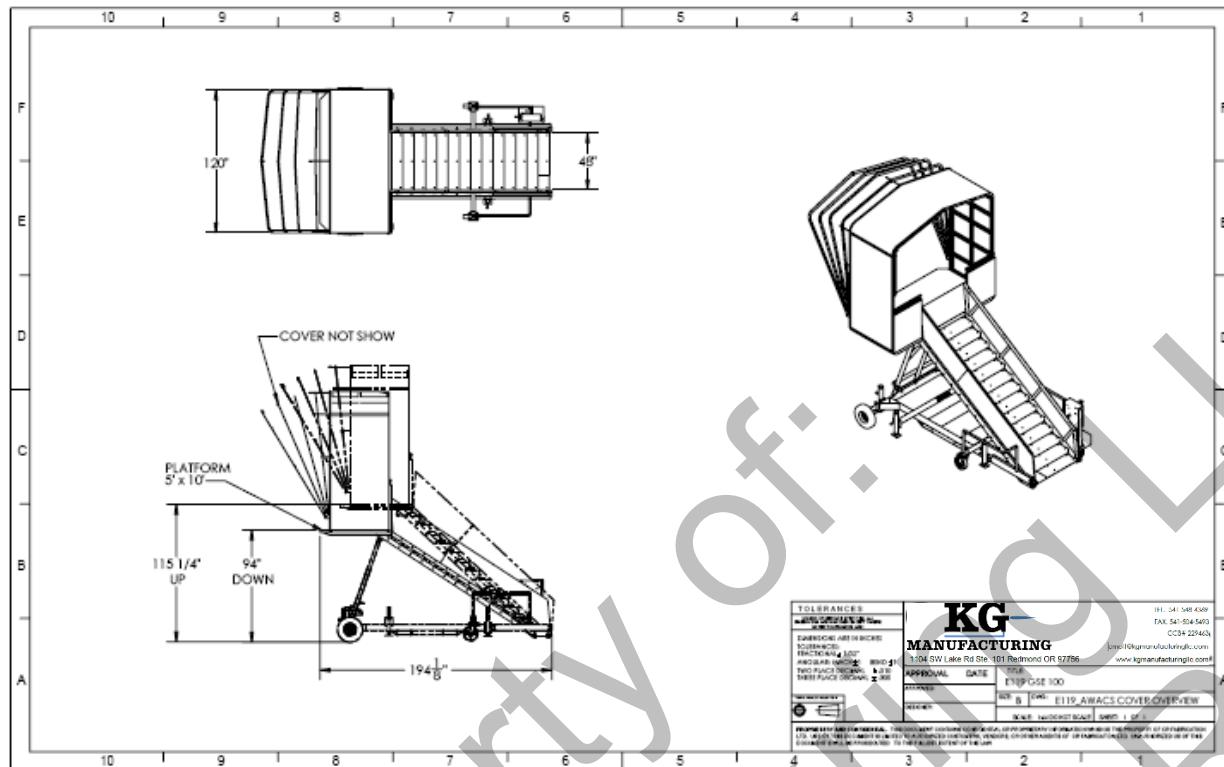
KG MANUFACTURING LLC.

Model # E119-GSE100 Exterior
Service Stair



- 1000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- Safety Lock
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Locking Sliding Sides
- Non-Marking Bumpers
- Top Platform-Alum. Traction Tread
- Fiberglass Tread Covers
- 10" Swivel Caster with Poly Tread
- Stainless Steel Hand Rail
- Covered Side Walls
- Aluminum Weather Enclosure Cable Retractable
- Available with Tow Bar

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
E119-GSE100		8'4" to 10'4"	5' X 10'





CASCADE GSE
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Model # E119-RS120 Exterior
Service Stair



- 1000 Lb. Deck Capacity
- All Steel and Aluminum
- ◆ Construction
 - Air/Hydraulic Platform Adjustment
 - Safety Lock
 - 4 Leveling/Stabilizing Jacks
 - 2 Extendable Stabilizers
 - Fork Lift Pockets
 - 6.9X9 Solid Tires on the Plane End
 - Locking Sliding Sides
 - Non-Marking Bumpers
 - Top Platform-Alum. Traction Tread
 - Fiberglass Tread Covers
 - 10" Swivel Caster with Poly Tread
 - Stainless Steel Hand Rail
 - Covered Side Walls
 - Aluminum Sliding Weather Enclosure

**MODEL
NUMBER**
E119-RS120

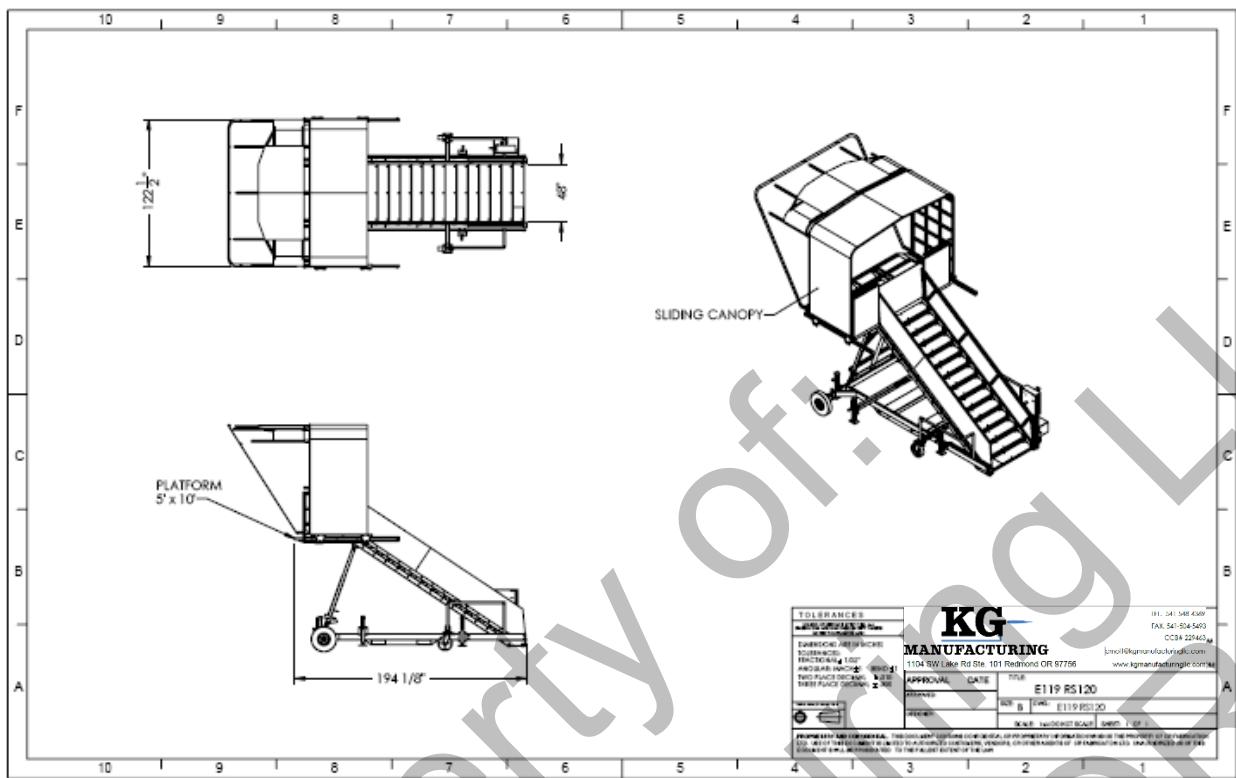
**TYPICAL
AIRCRAFT**

**PLATFORM
HEIGHT**

8' TO 10'

**PLATFORM
SIZE**

5' X 10'



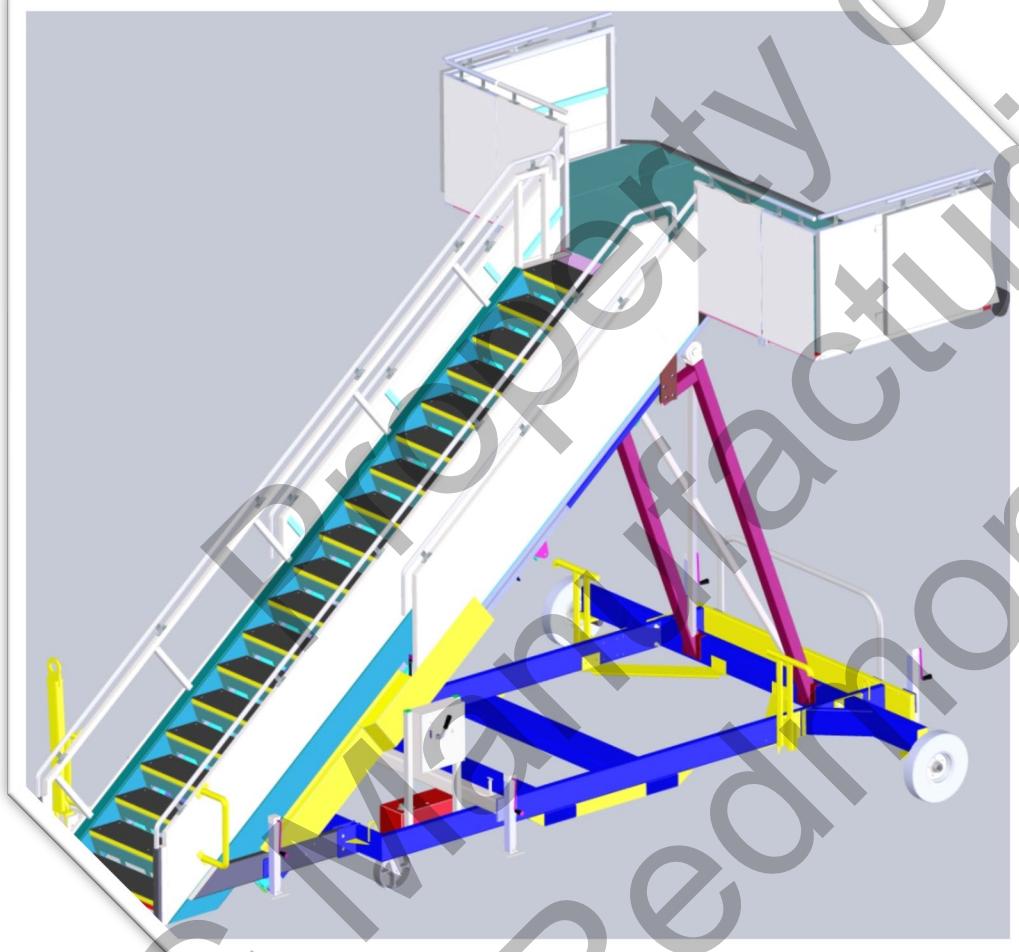
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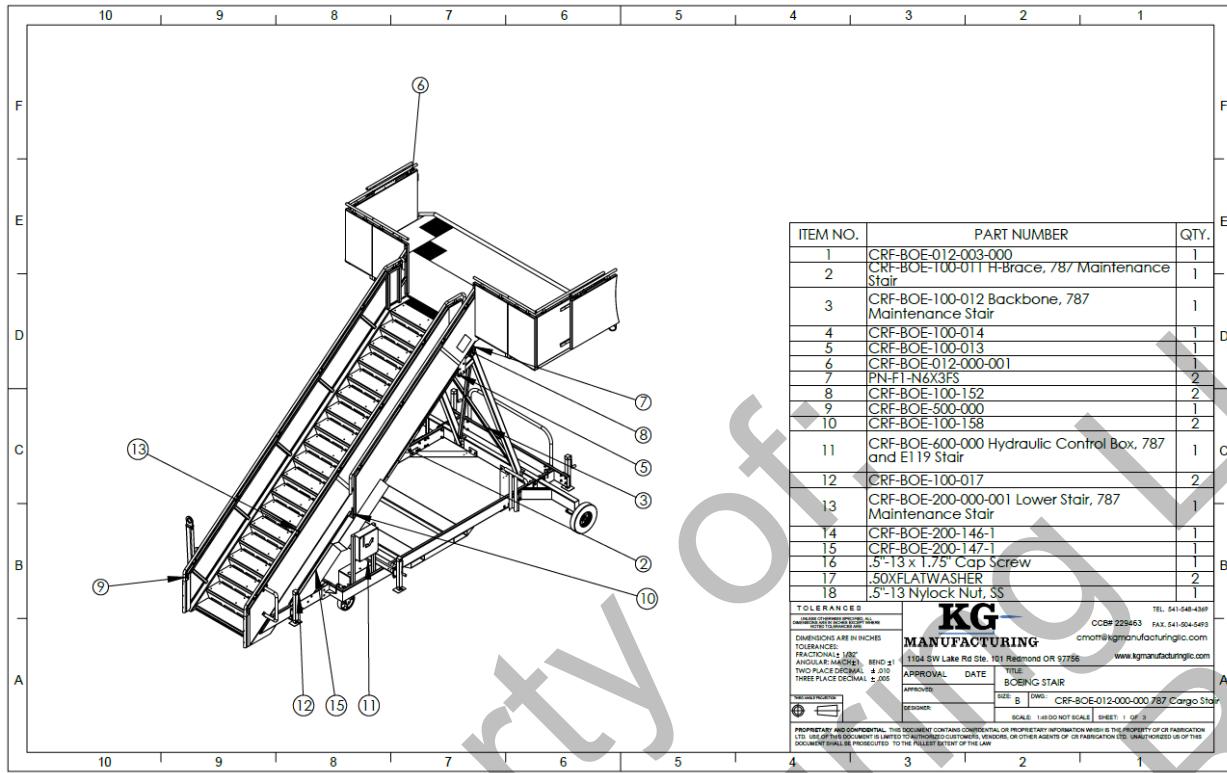
KG MANUFACTURING LLC.

Model # GSE-BOE-MDC-787
Main Deck Cargo Service Stair



- 2000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- Safety Lock
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Locking Sliding Sides
- Non-Marking Bumpers
- Top Platform-Alum. Traction Tread
- Fiberglass Tread Covers
- 12" Swivel Caster with Poly Tread
- Tow Bar
- Stainless Steel Hand Rail
- Covered Side Walls

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
GSE-BOE-MDC-787		12'6" TO 18'3"	6' X 14'



ITEM NO.	PART NUMBER	QTY.
1	CRF-BOE-012-003-000	1
2	CRF-BOE-100-011 H-Brace, 787 Maintenance Stair	1
3	CRF-BOE-100-012 Backbone, 787 Maintenance Stair	1
4	CRF-BOE-100-014	1
5	CRF-BOE-100-013	1
6	CRF-BOE-012-000-001	1
7	PN-F1-N6X3FS	2
8	CRF-BOE-100-152	2
9	CRF-BOE-500-000	1
10	CRF-BOE-100-158	2
11	CRF-BOE-600-000 Hydraulic Control Box, 787 and E119 Stair	1
12	CRF-BOE-100-017	2
13	CRF-BOE-200-000-001 Lower Stair, 787 Maintenance Stair	1
14	CRF-BOE-200-146-1	1
15	CRF-BOE-200-147-1	1
16	.5"-13 x 1.75" Cap Screw	1
17	.50XFLATWASHER	2
18	.5"-13 Nylock Nut, SS	1

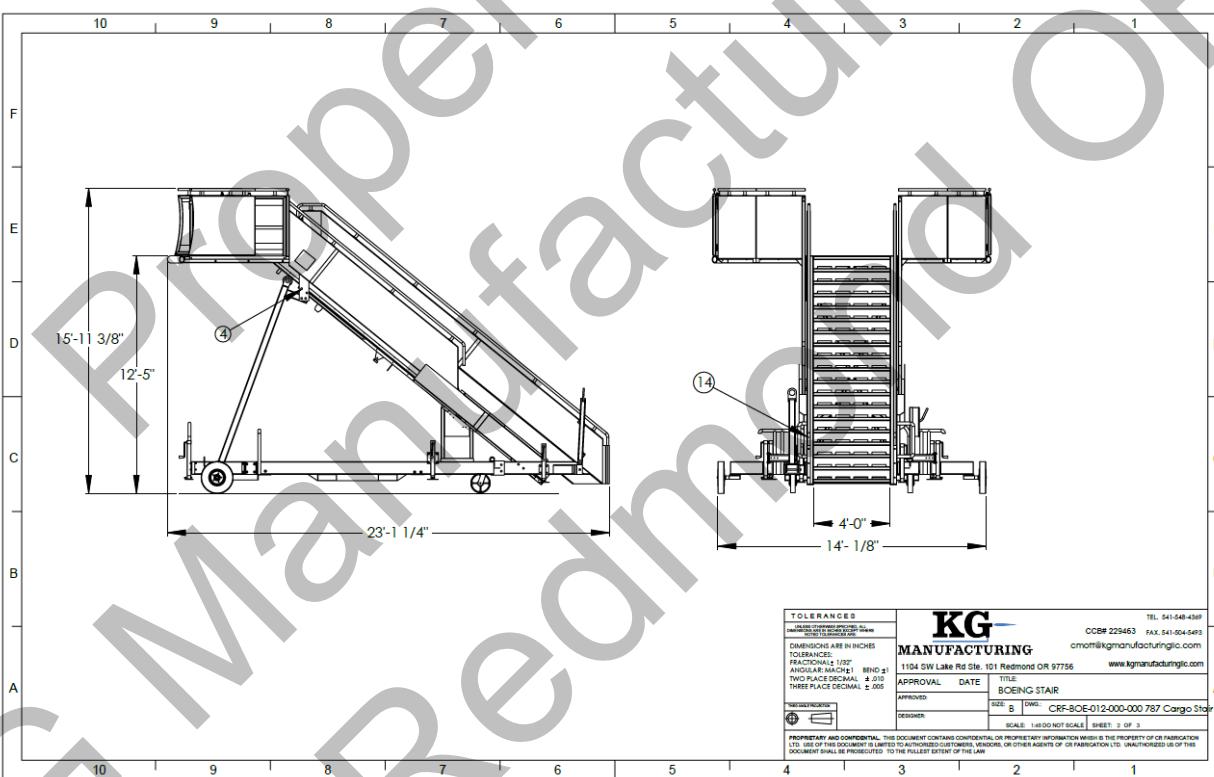
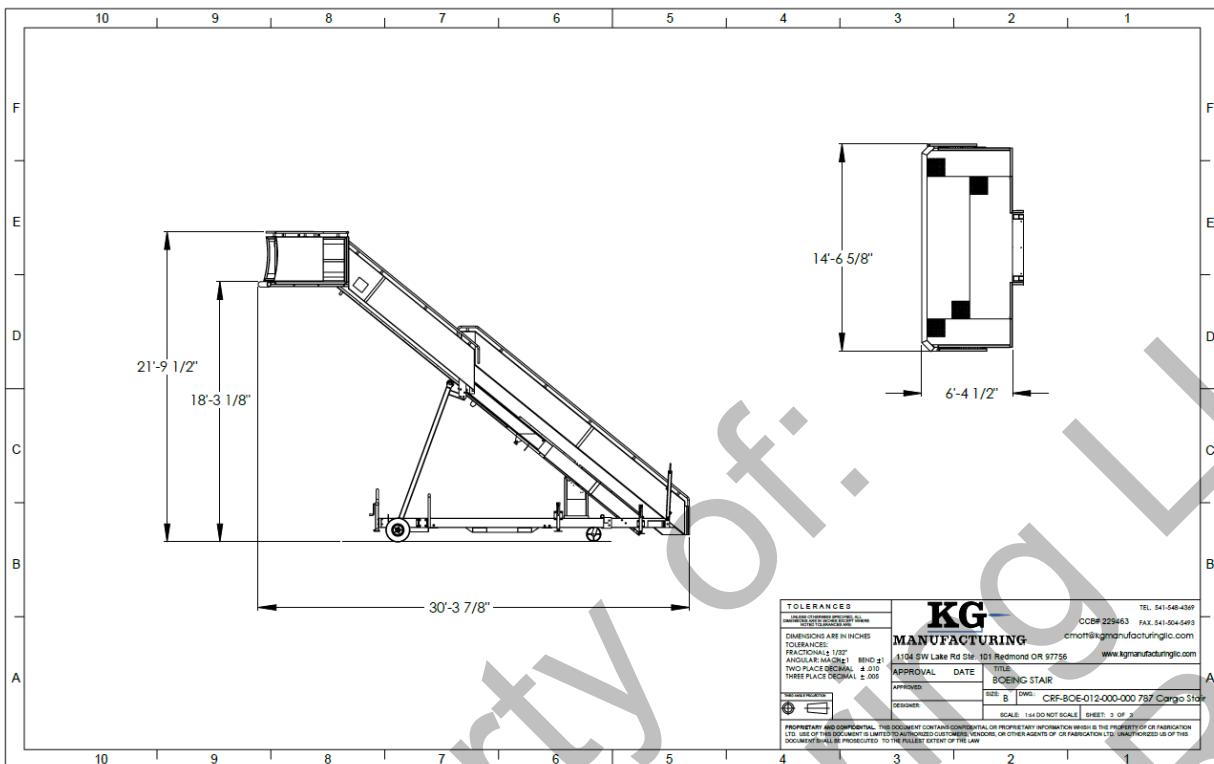
TOLERANCES
UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE AS FOLLOWS:
DIMENSIONS ARE IN INCHES
TOLERANCES:
PRIMARILY ± .005
ANGULAR: MACHINE
TWO PLACE DECIMAL
THREE PLACE DECIMAL ± .005

KG
MANUFACTURING

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FAX. 541-648-4493
cmot@kgmanufacturingllc.com
1104 SW Lake Rd Ste. 101 Redmond OR 97768
www.kgmanufacturingllc.com

APPROVAL DATE: 10/10/02
APPROVED: BOEING STAIR
DESIGNER: SIZE: B DRAWN: CRF-BOE-012-000-000 787 Cargo Stair
SCALE: 1:40 DO NOT SCALE SHEET: 1 OF 3

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CASCADE GSE

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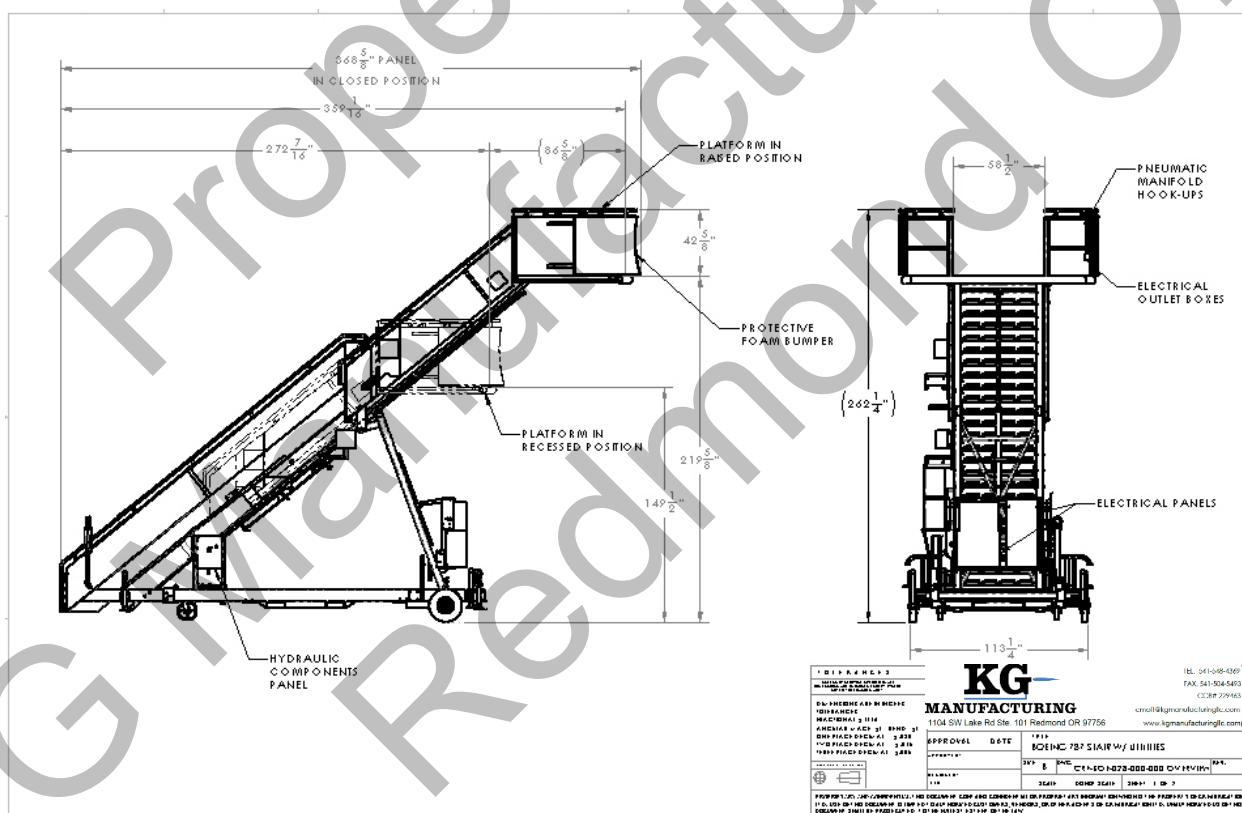
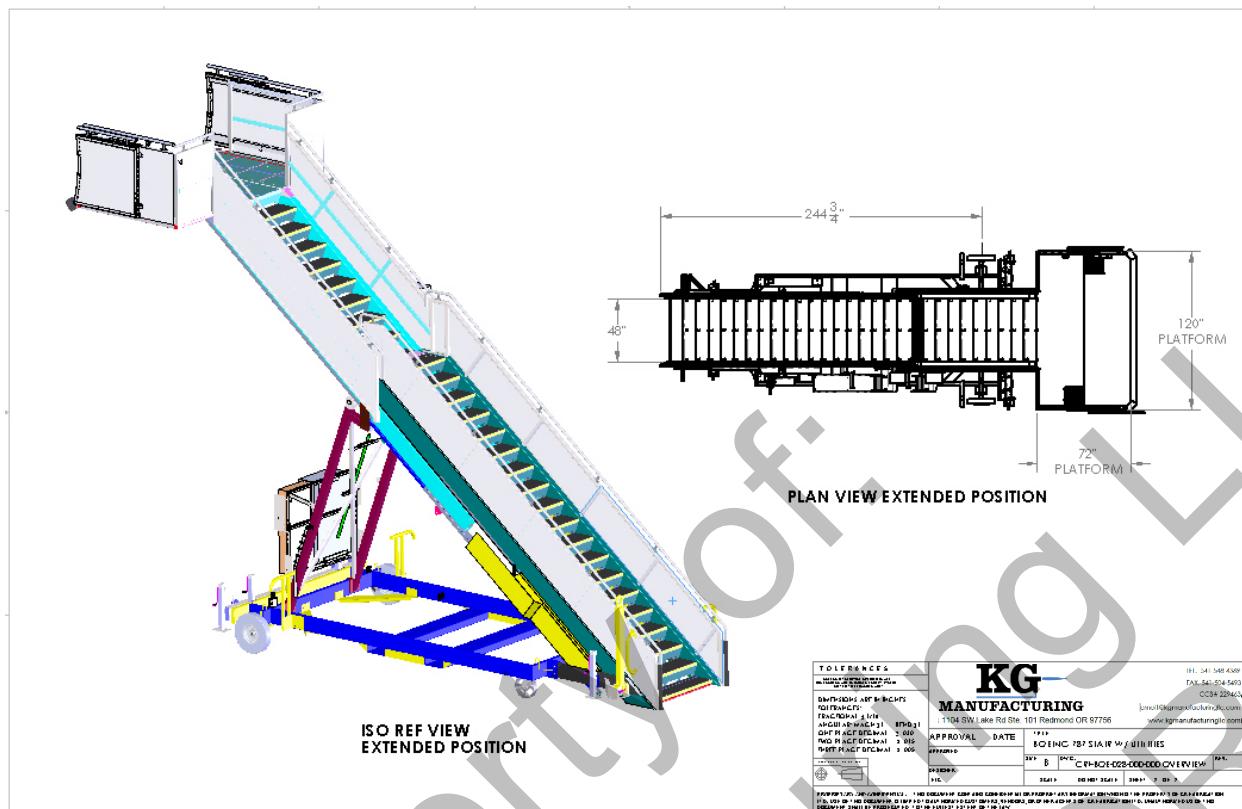
Model # 010-JOB-BOE-787-013-E

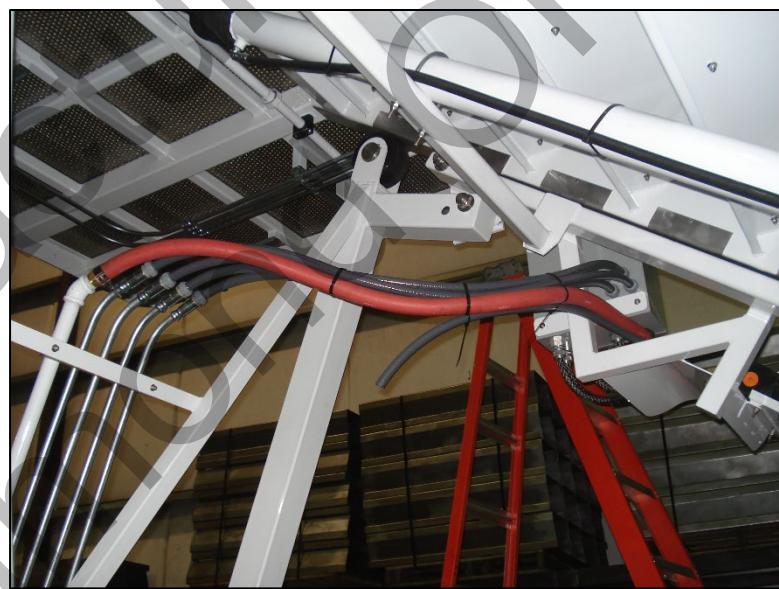
Service Stair



- 2000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- Safety Lock
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Locking Sliding Sides
- Non-Marking Bumpers
- Top Platform-Alum. Traction Tread
- Fiberglass Tread Covers
- 12" Swivel Caster with Poly Tread
- Tow Bar
- Stainless Steel Hand Rail
- Covered Side Walls
- 1" air line, multiple quick coupler connections on lower frame and platform
- Electrical panels on lower frame
W/outlets on lower frame, cords & outlets on platform

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
010-JOB-BOE-787-013-E	787	12'6" TO 18'3"	6' X 10'





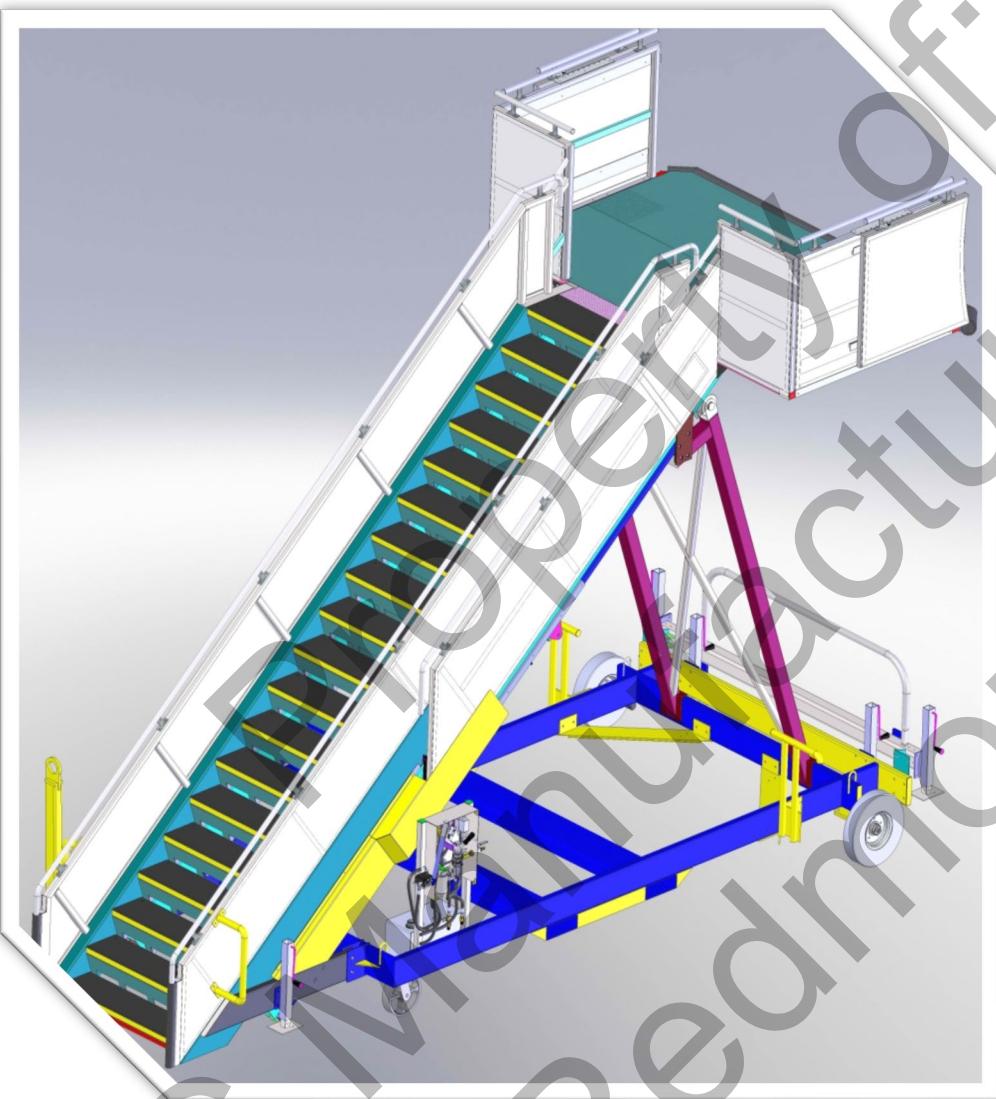
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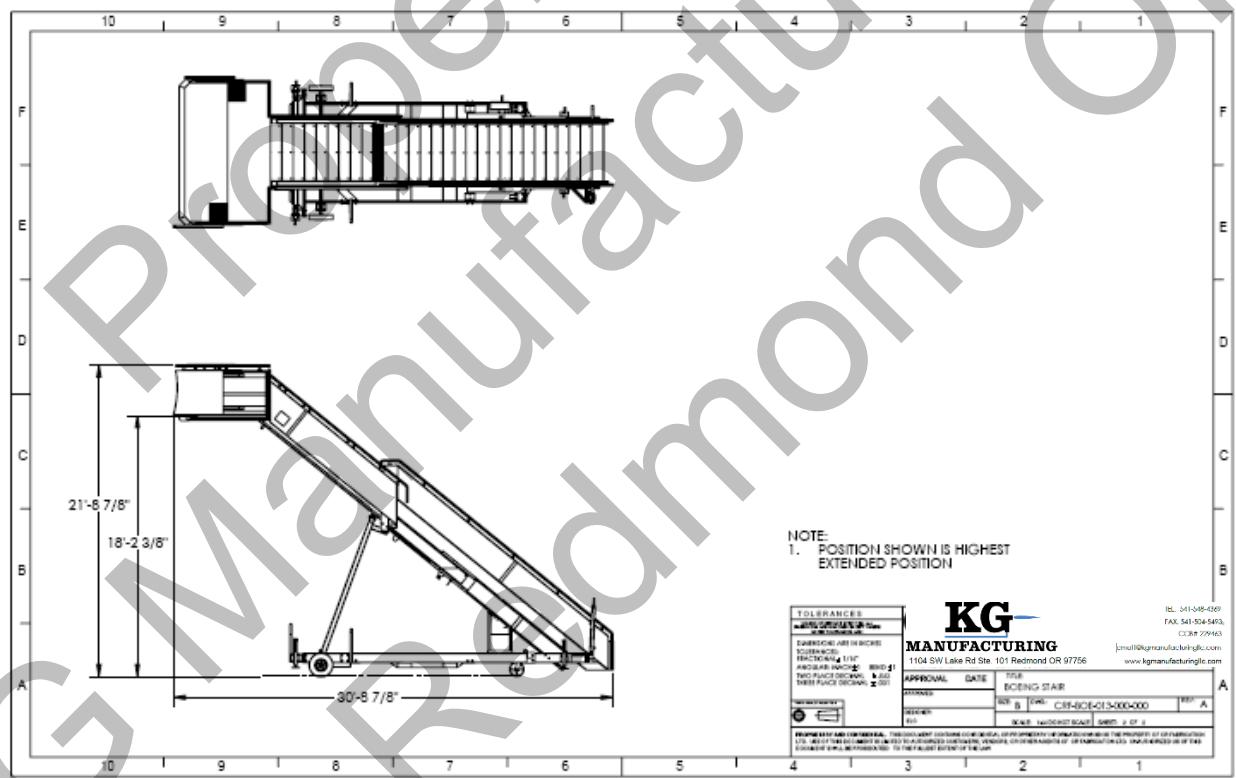
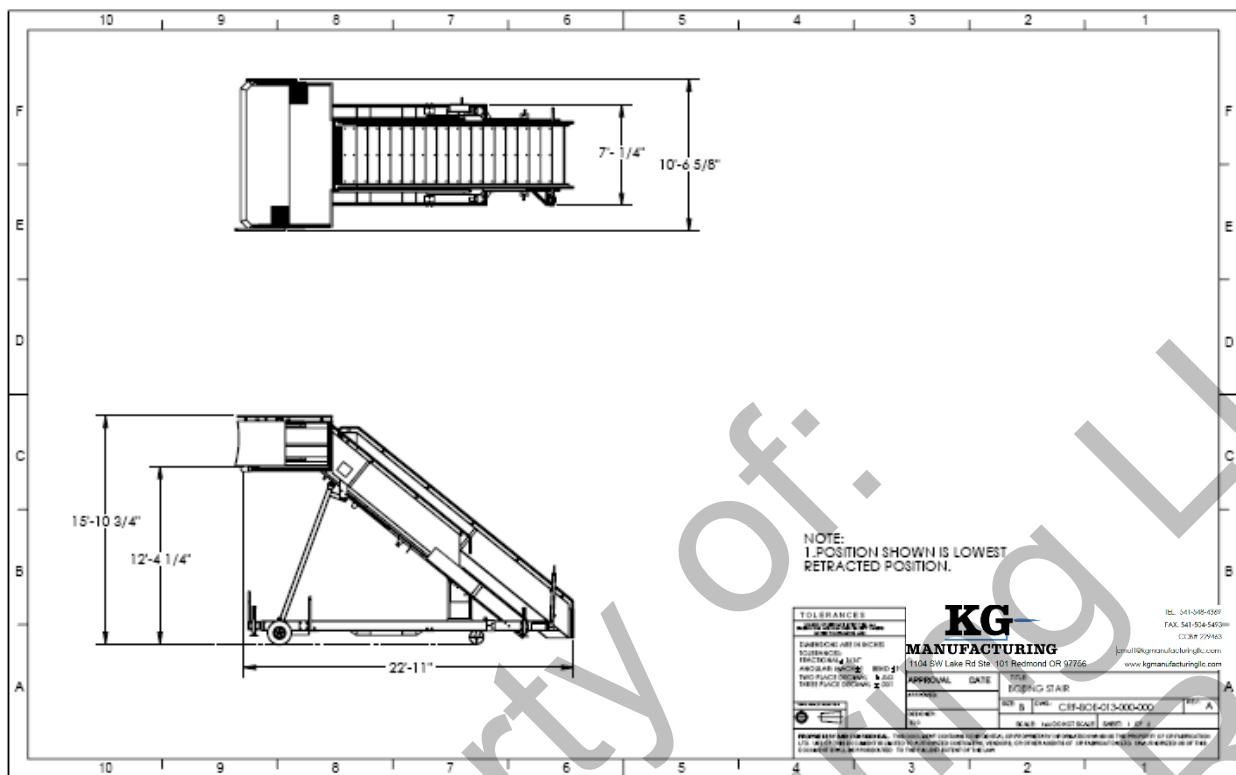
Model # 010-JOB-BOE-787-013

Interior Service Stair



- 2000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- Safety Lock
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Locking Sliding Sides
- Non-Marking Bumpers
- Top Platform-Alum. Traction Tread
- Fiberglass Tread Covers
- 12" Swivel Caster with Poly Tread
- Tow Bar
- Stainless Steel Hand Rail
- Covered Side Walls

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
010-JOB-BOE-787-013		12'6" TO 18'3"	6' X 10'



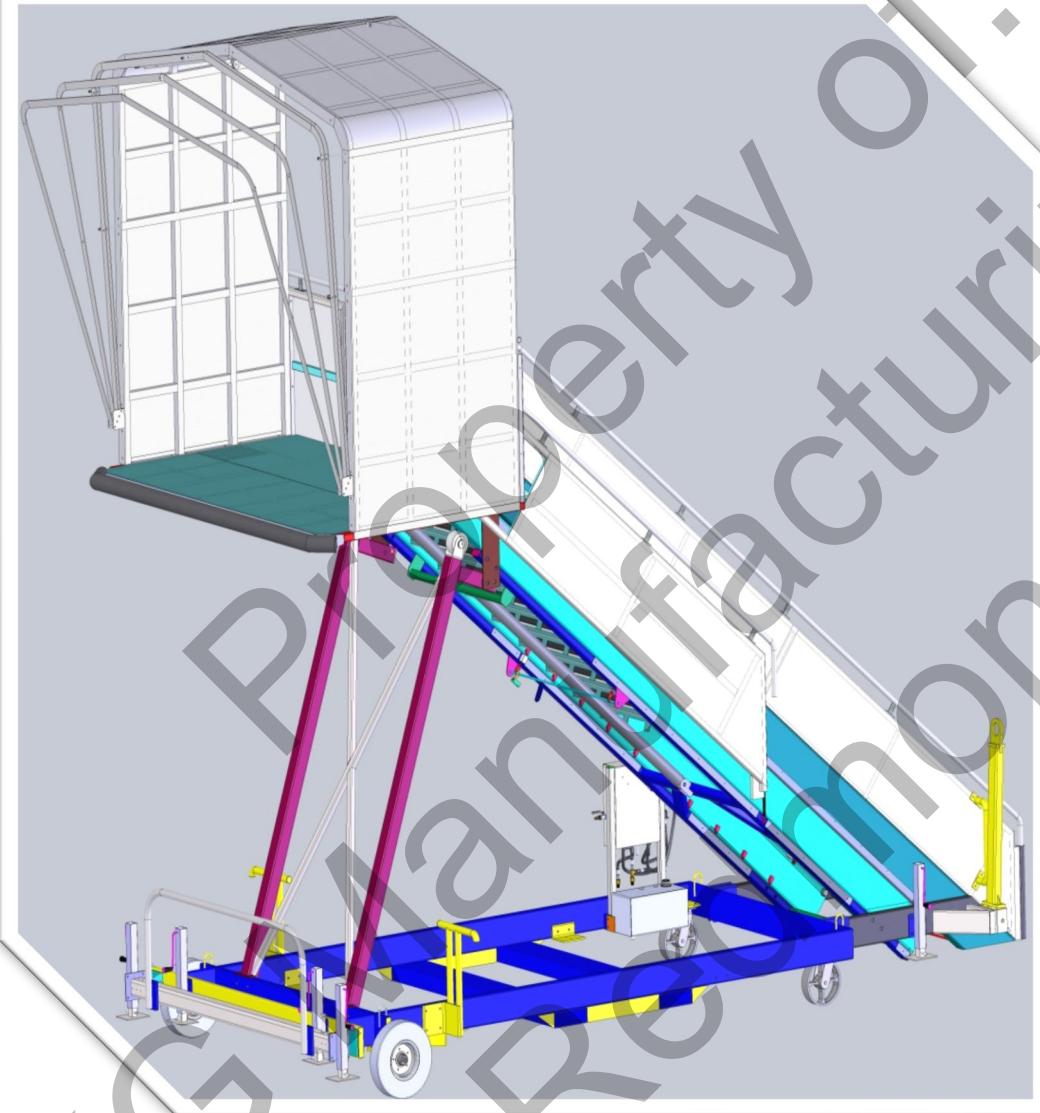
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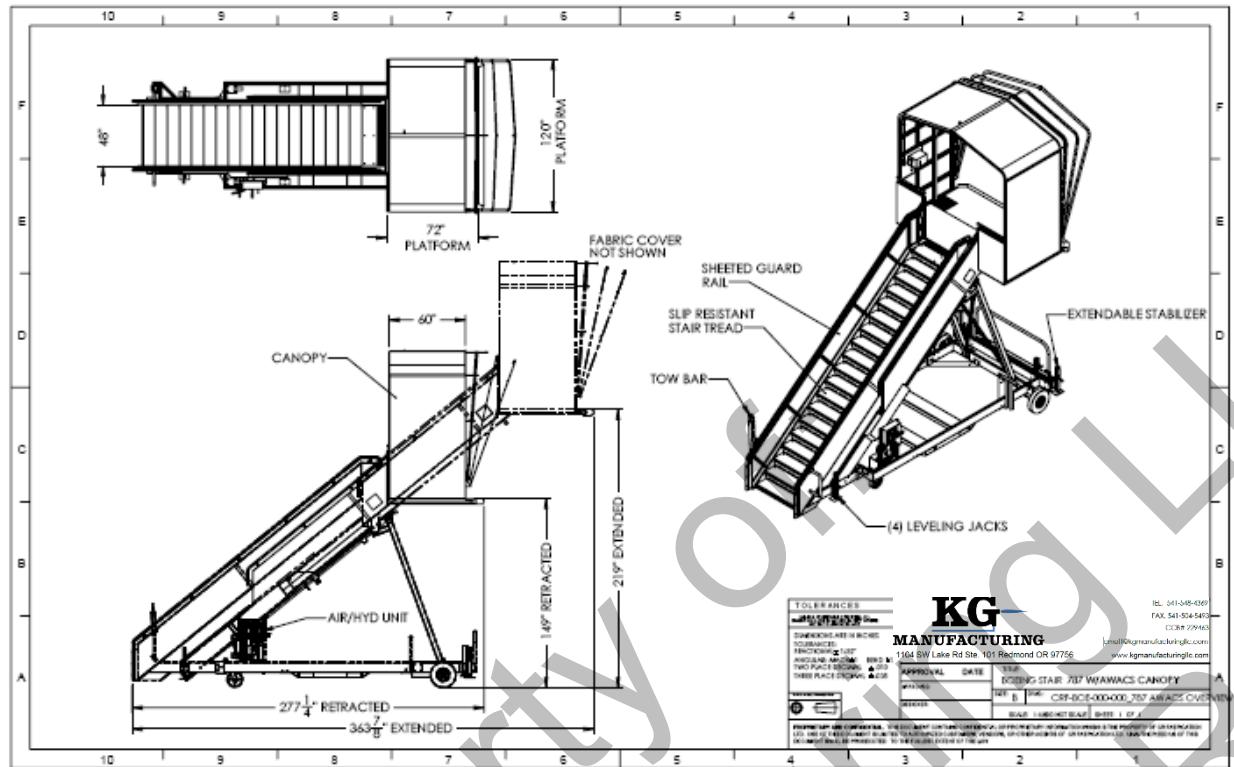
Model # 085-BOE-787-EXT

Exterior Service Stair



- 2000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- Safety Locks
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Non-Marking Bumpers
- Top Platform-Alum. Traction Tread
- Fiberglass Tread Covers
- 12" Swivel Caster with Poly Tread
- Tow Bar
- Stainless Steel Hand Rail
- Covered Side Walls
- Updated Cable Actuated Weather Enclosure.

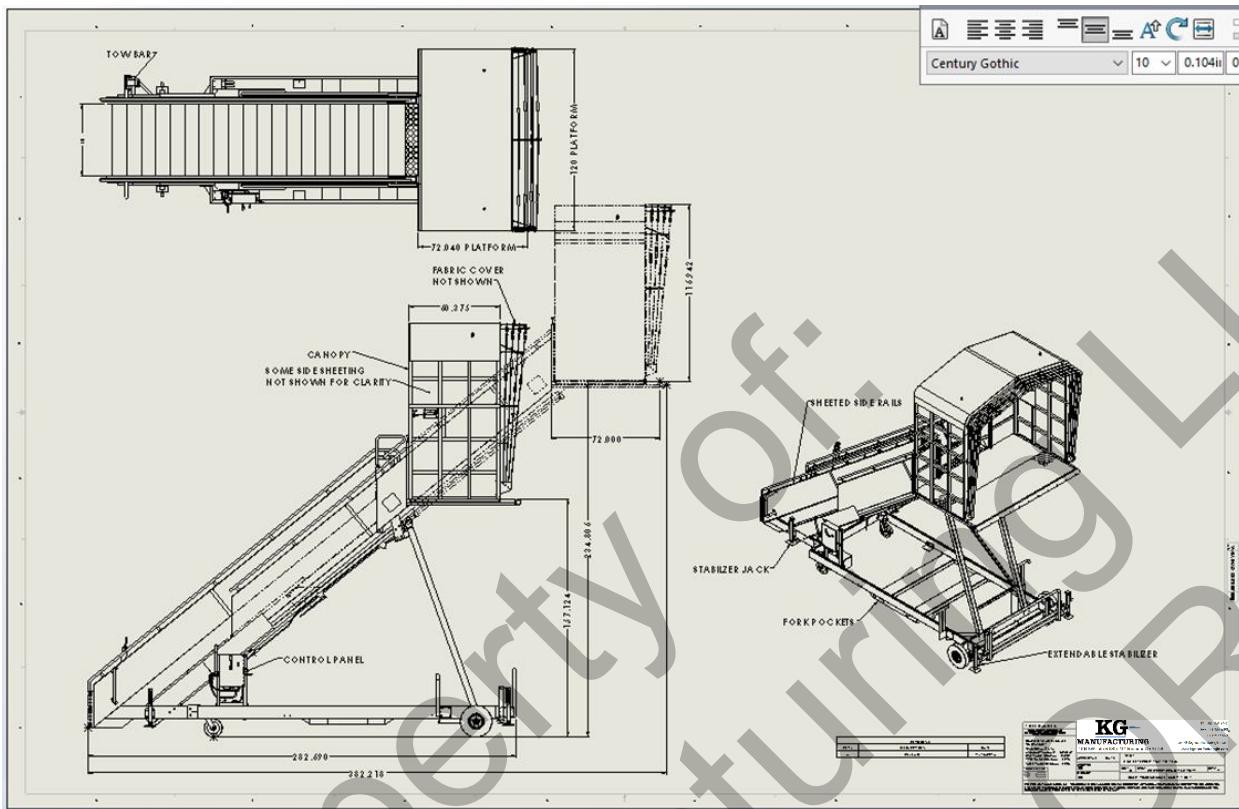
MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
085-BOE-787-EXT		12'6" to 18'3"	10' X 6



CASCADE GSE
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Model # 016-BOE-787-EXT 13.1-19.5
Exterior Service Stair



MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
787-EXT 13.1 TO 19.5		157.13" to 234.81	10' X 6'



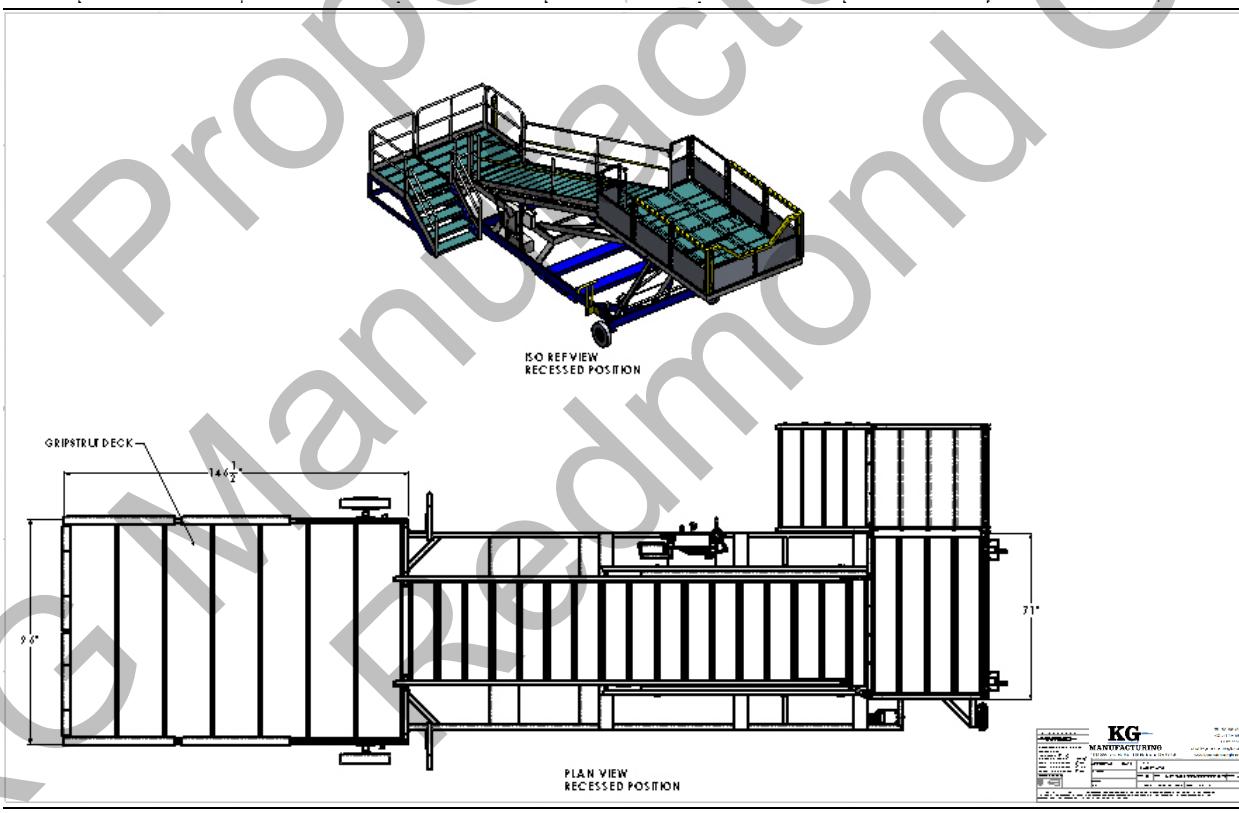
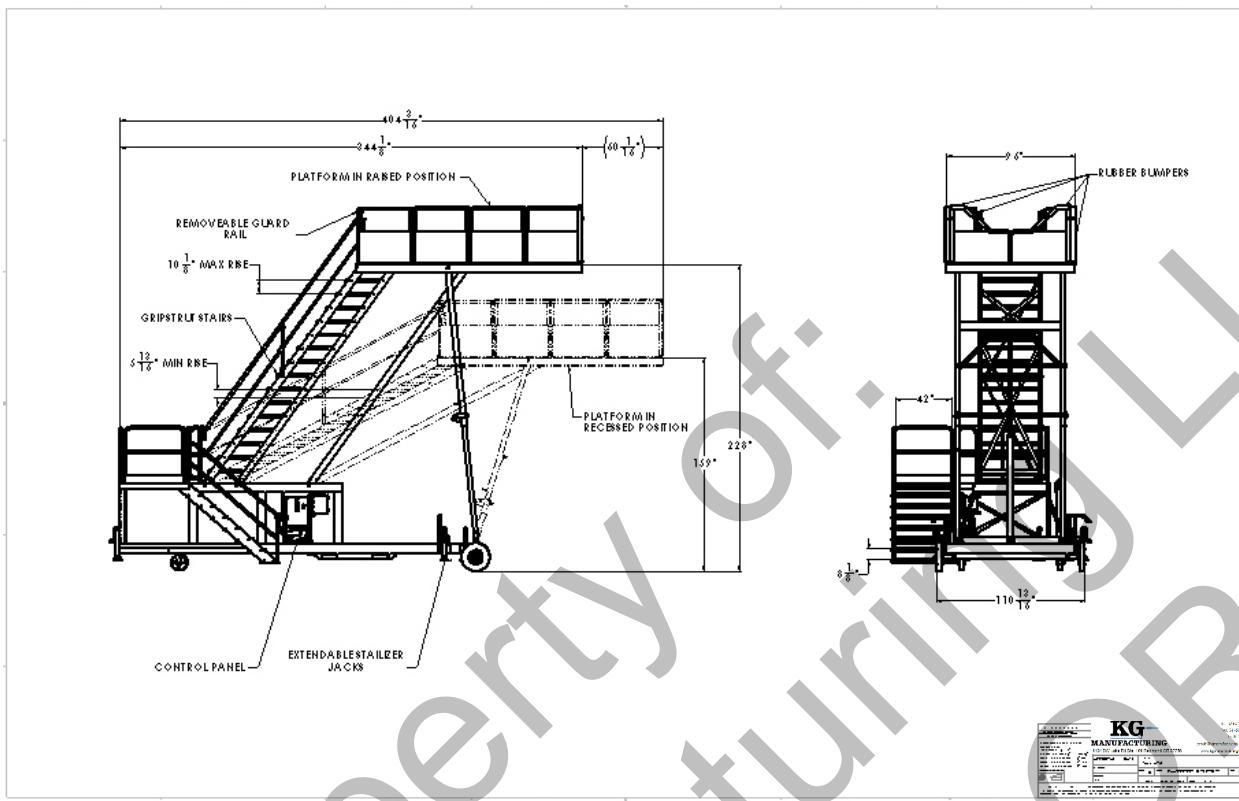
KG Manufacturing LLC
Property of:
KG Manufacturing LLC
Redmond

CASCADE GSE
A division of
KG MANUFACTURING LLC.
Model # 010-BOE-APU-787-9.5-15.5
Service Stair



- 2000 Lb. Deck Capacity
- All Steel Construction
- Air/Hydraulic Platform Adjustment
- Safety Lock
- 4 Leveling/Stabilizing Jacks
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Polyurethane Foam Bumpers on Hand Rail
- Removable Side and Front Panels
- Grip Strut Stairs and Platform
- Tow Bar (see page XX for info)
- 12" Swivel Casters
- Air Supply at Deck

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
010-BOE-APU-787-9.5-15.5		9'6" TO 15'9"	12' X 8'





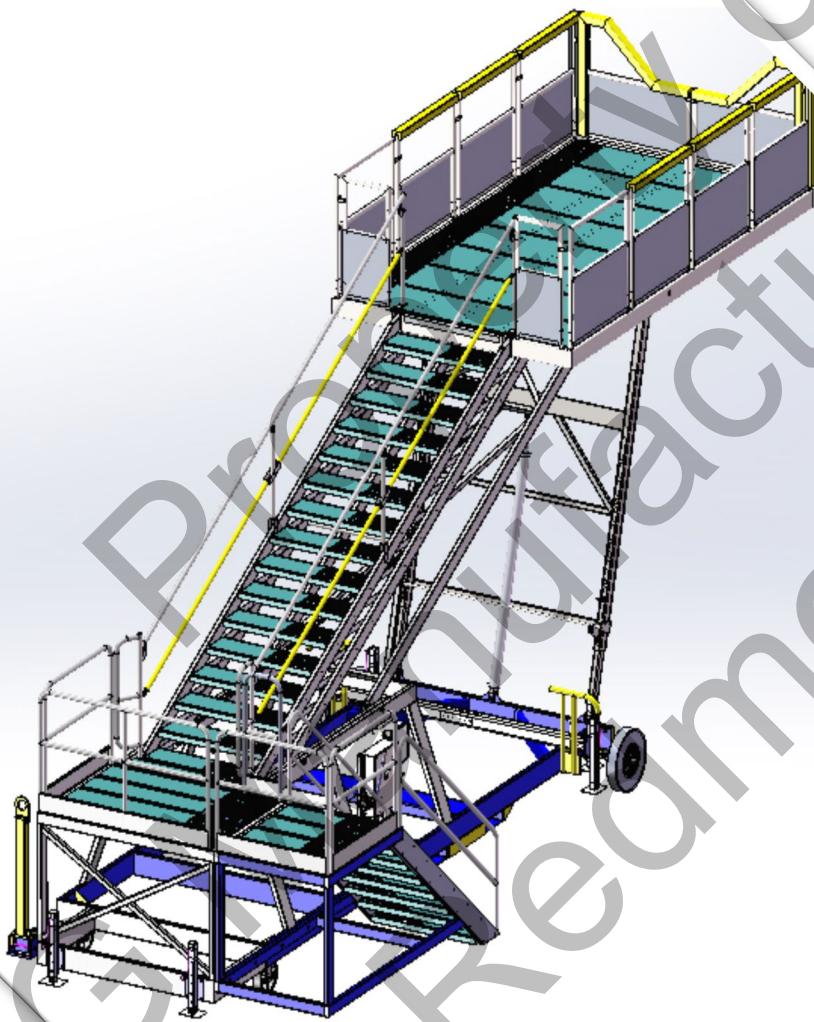
KG Manufacturing LLC
Property of
Redmond, WA

CASCADE GSE

A division of
KG MANUFACTURING LLC.

Model # 010-BOE-APU-787-13-19

Service Stair



- 2000 Lb. Deck Capacity
- All Steel Construction
- Air/Hydraulic Platform Adjustment
- Safety Lock
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Polyurethane Foam Bumpers on Hand Rail
- Removable Side and Front Panels
- Grip Strut Stairs and Platform
- Tow Bar (see page XX for info)
- 12" Swivel Casters
- Air Supply at Deck

**MODEL
NUMBER**

010-BOE-APU-787-13-19

**TYPICAL
AIRCRAFT**

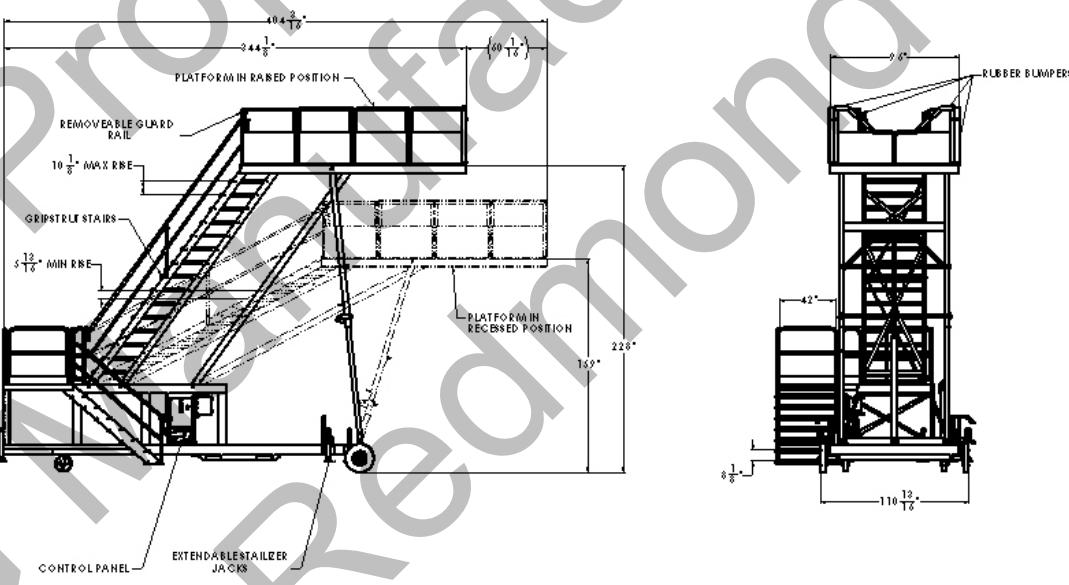
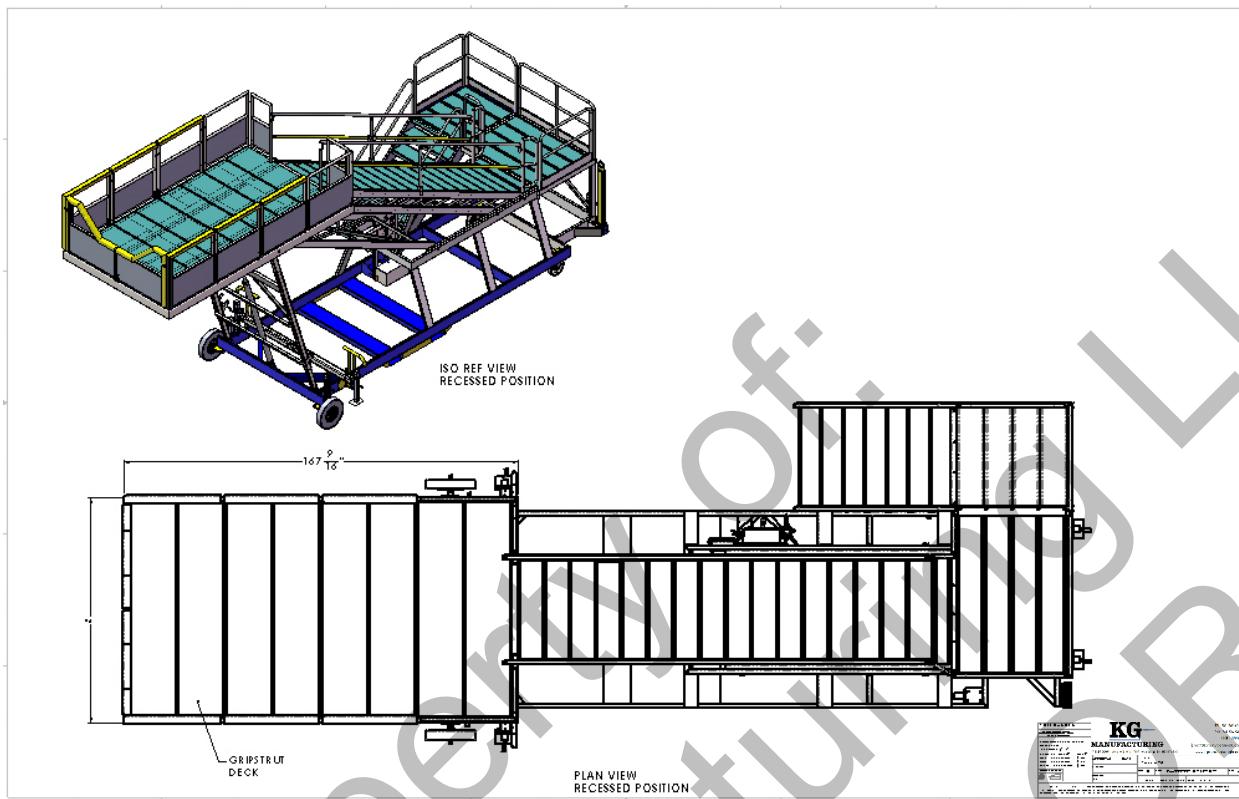
**PLATFORM
HEIGHT**

13'3" TO 19'

**PLATFORM
SIZE**

8' X 12'

8' X 14'





KG Manufacturing
Redmond, OR

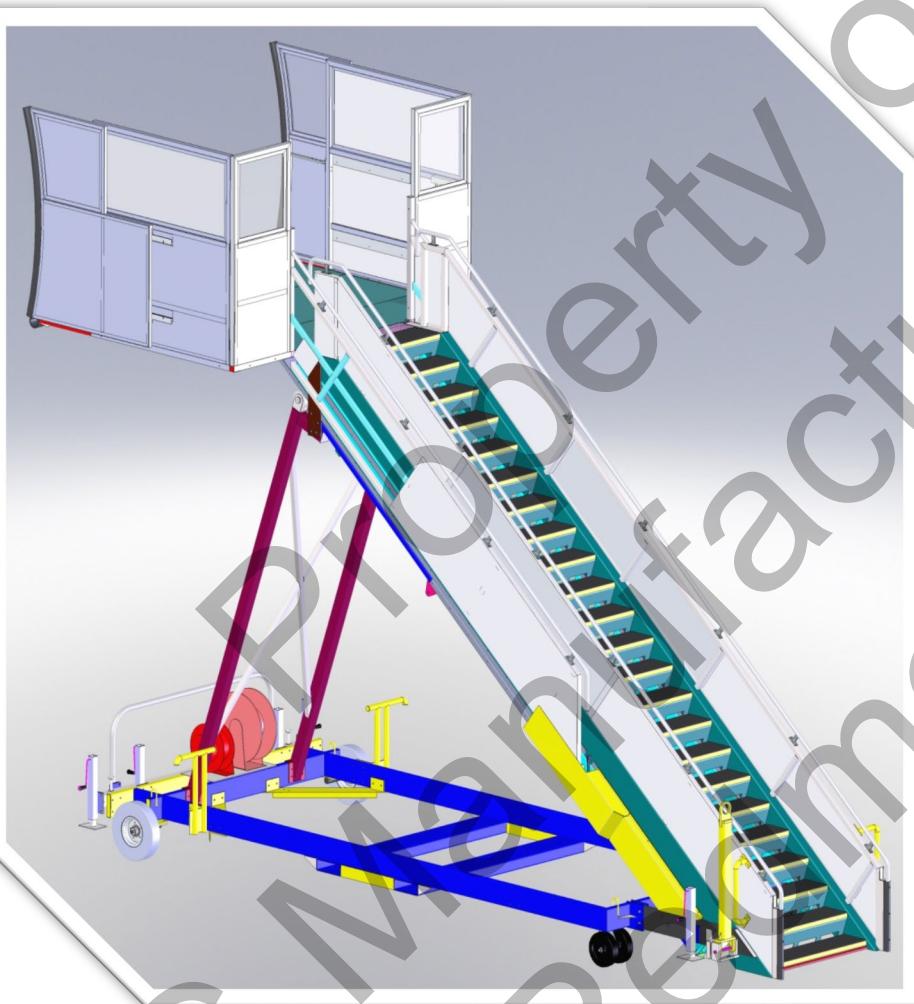
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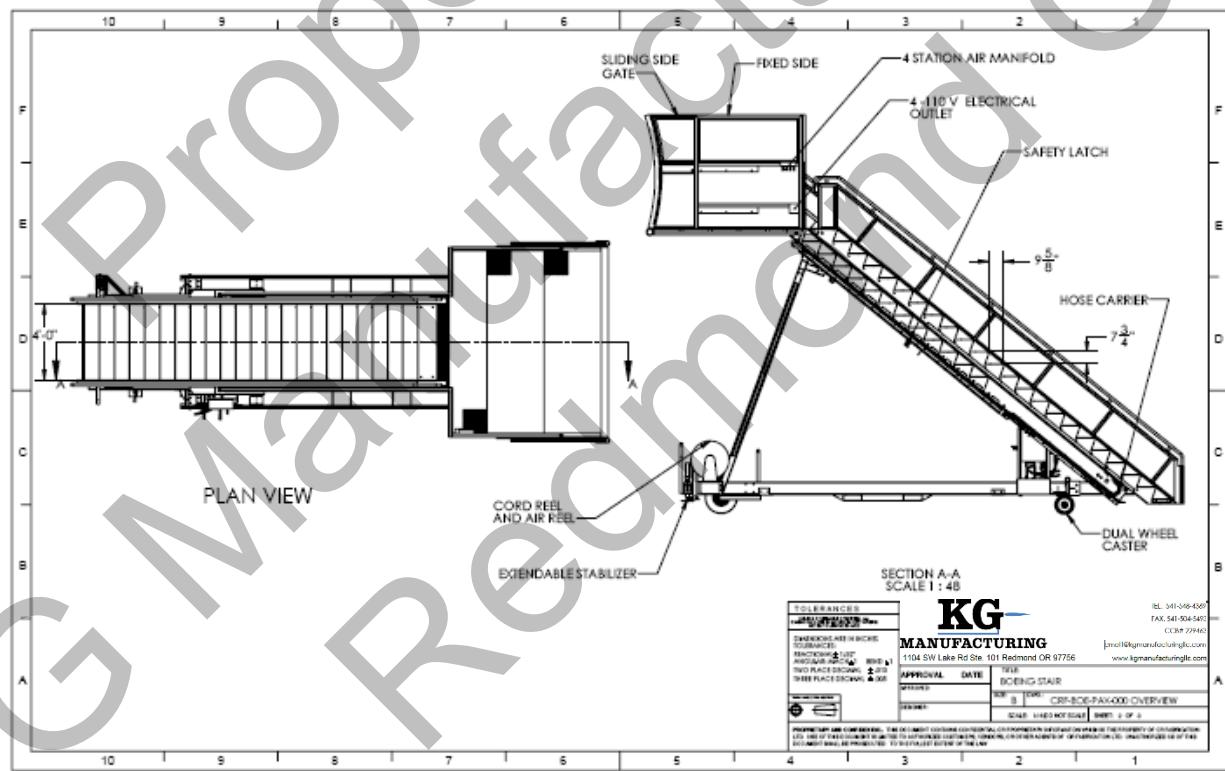
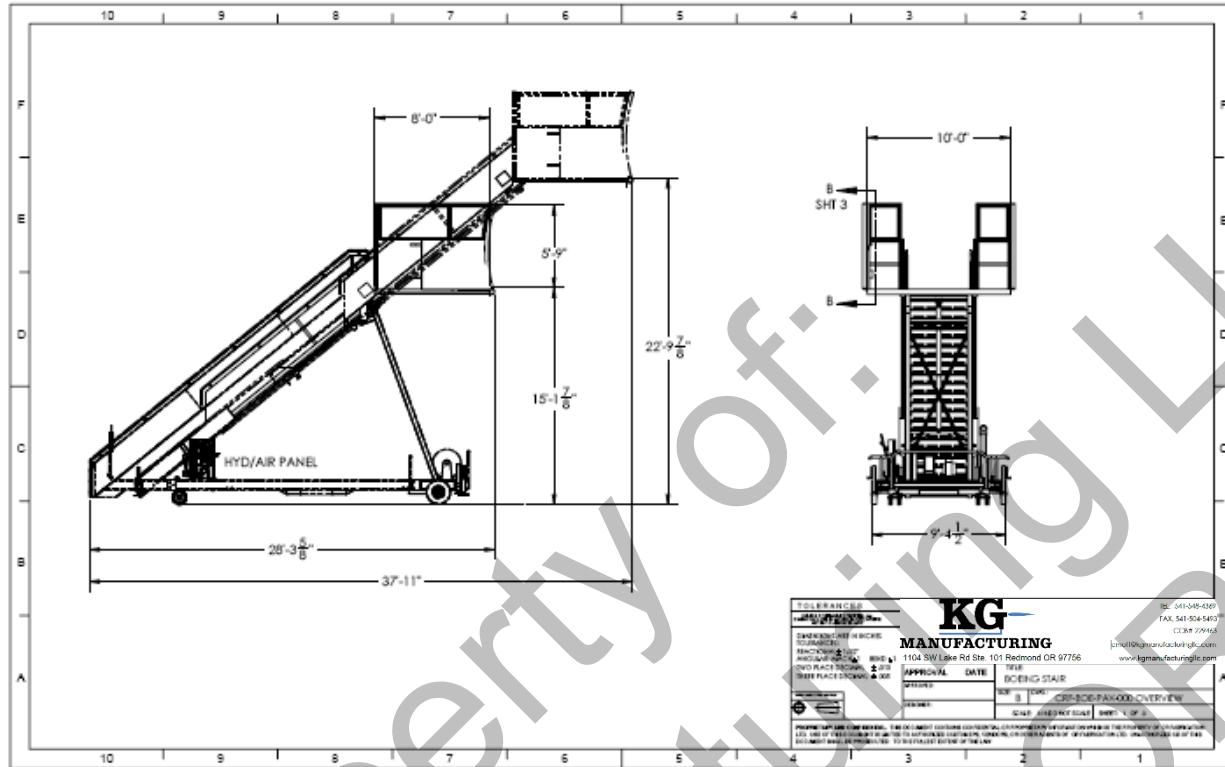
Model # 011-BOE-747-PAX

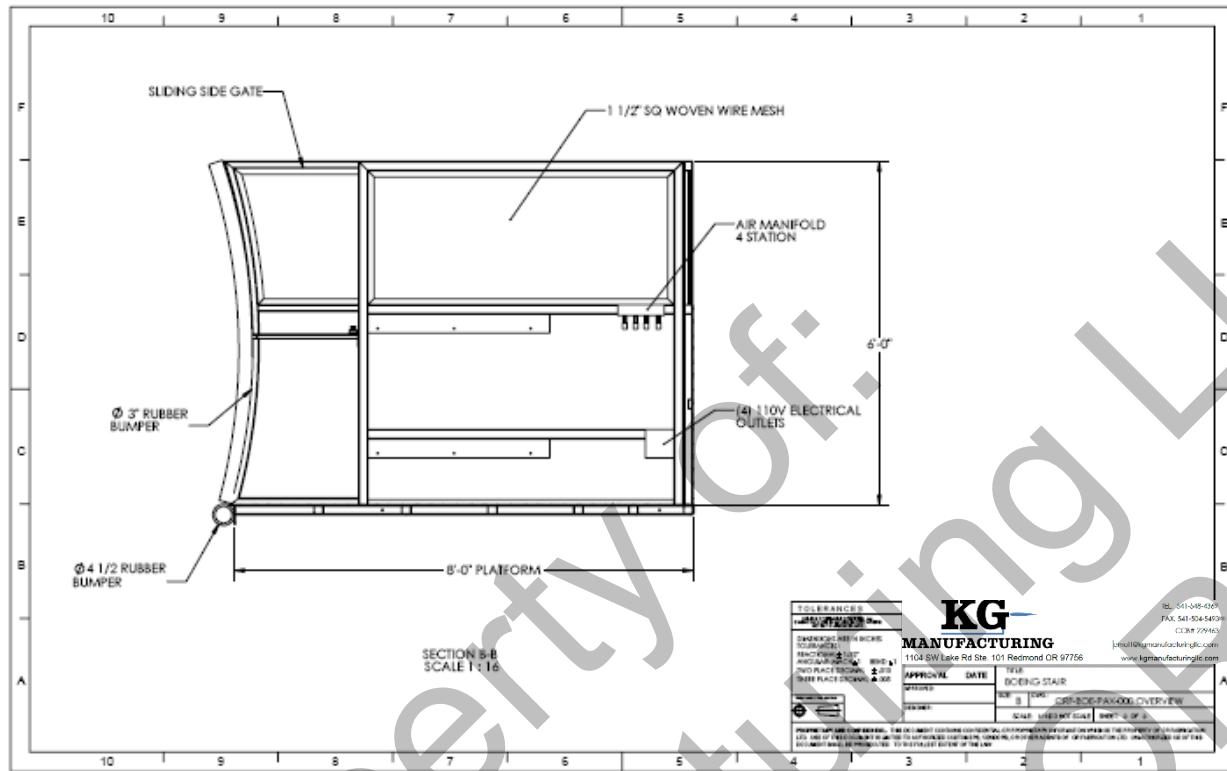
Service Stair



- 2000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Locking Sliding Sides
 - Option Door 1 and 2
 - Option Door 5 Left
 - Option Door 5 Right
- Non-Marking Bumpers
- Top Platform Alum. Traction Tread
- Fiberglass Tread Covers
- 12" Dual Wheel Casters
- Tow Bar (see page XX for info)
- Stainless Steel Hand Rail
- Covered Side Walls
- Electrical and Air Supply Hose Reels
- Air and Electrical Supply at Deck

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
011-BOE-747-PAX		15' to 22'10"	10' x 8'

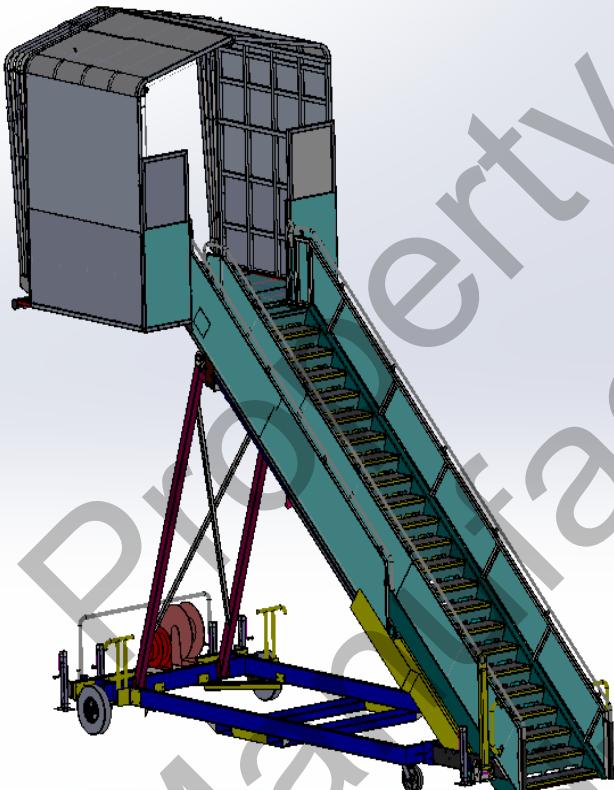




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DRAWING NUMBER: 100-00000000000000000000000000000000		MANUFACTURING	
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APPROVAL DATE	NAME	APPROVAL DATE	NAME
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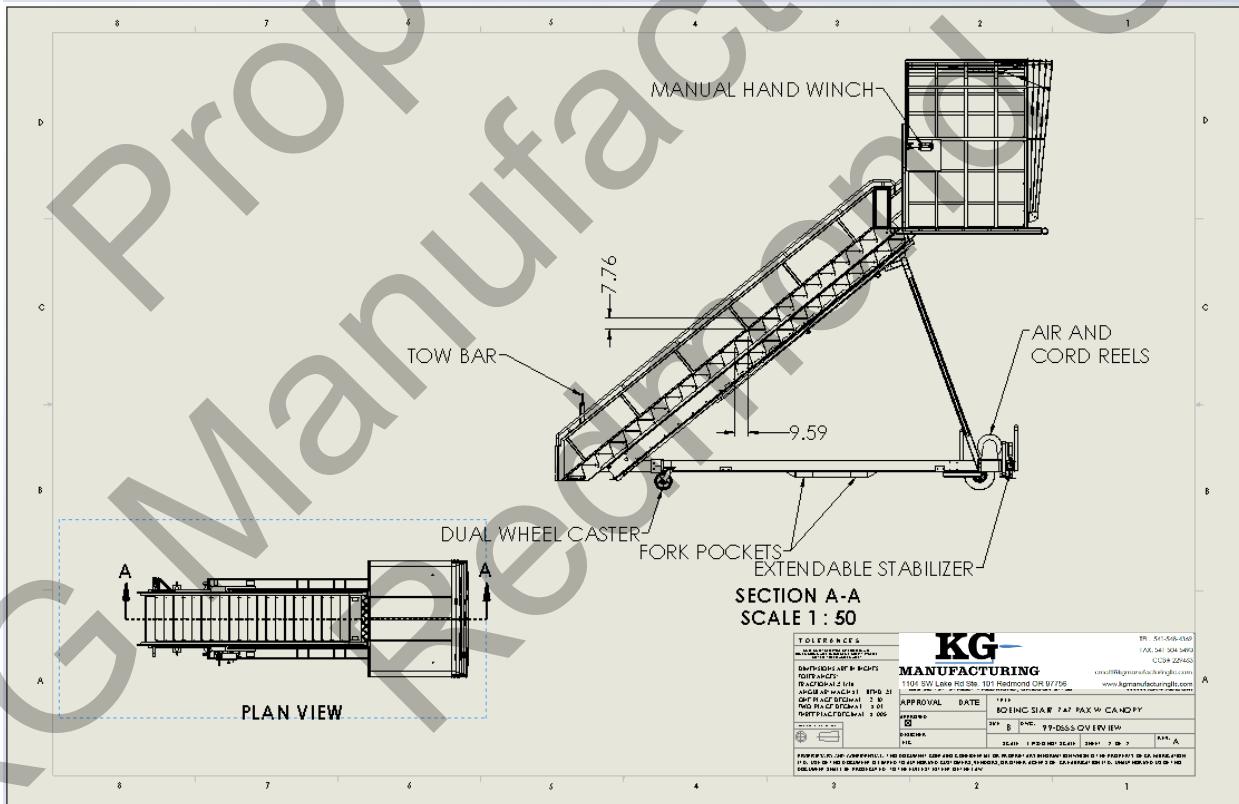
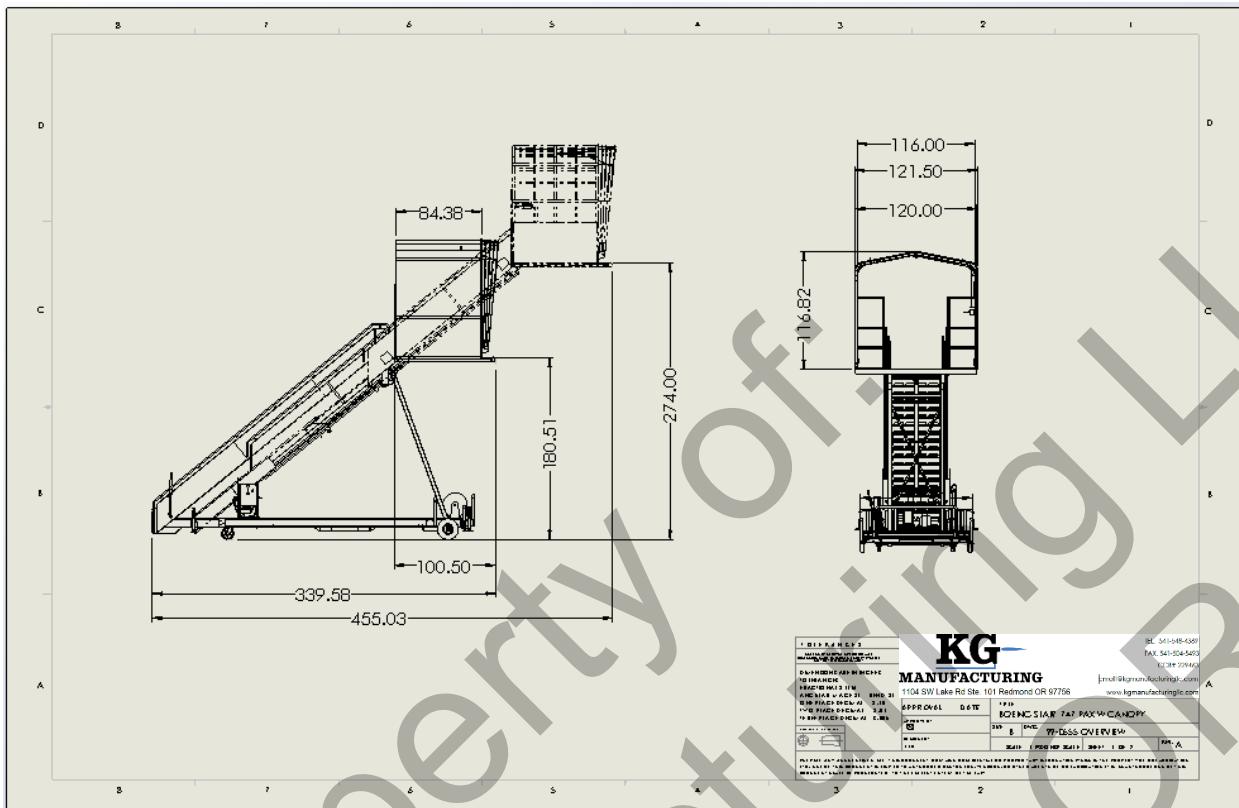
CASCADE GSE
A division of
KG MANUFACTURING LLC.
Model # 011-BOE-747-PAX-GSE-100EX
Service Stair

Shown is 747 PAX with Weather Enclosure



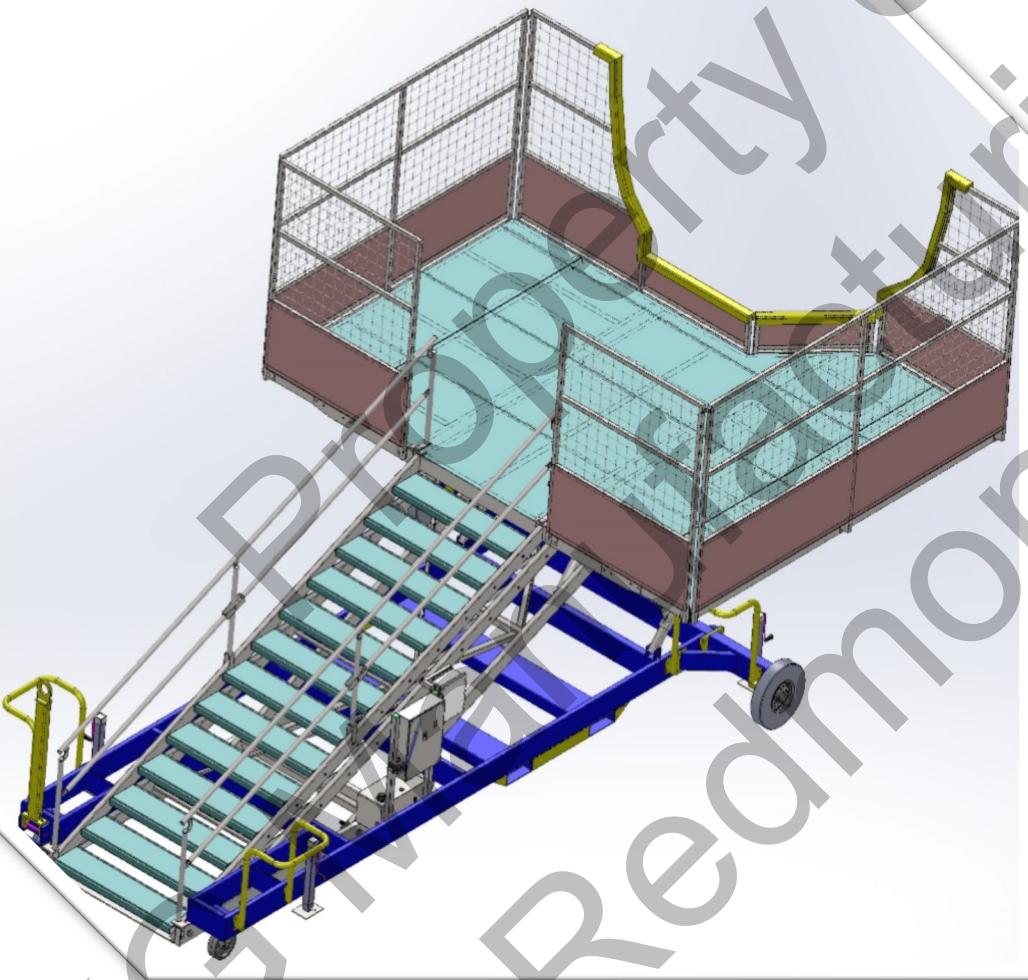
- 2000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- 4 Leveling/Stabilizing Jacks
- 2 Extendable Stabilizers
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Updated Cable Actuated Weather Enclosure
- Non-Marking Bumpers
- Top Platform Alum. Traction Tread
- Fiberglass Tread Covers
- 12" Dual Wheel Casters
- Tow Bar
- Stainless Steel Hand Rail
- Covered Side Walls
- Electrical and Air Supply Hose Reels
- Air and Electrical Supply at Deck
- Cable Actuated Weather Enclosure

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
011-BOE-747-PAX		15' to 22'10"	10' x 8'



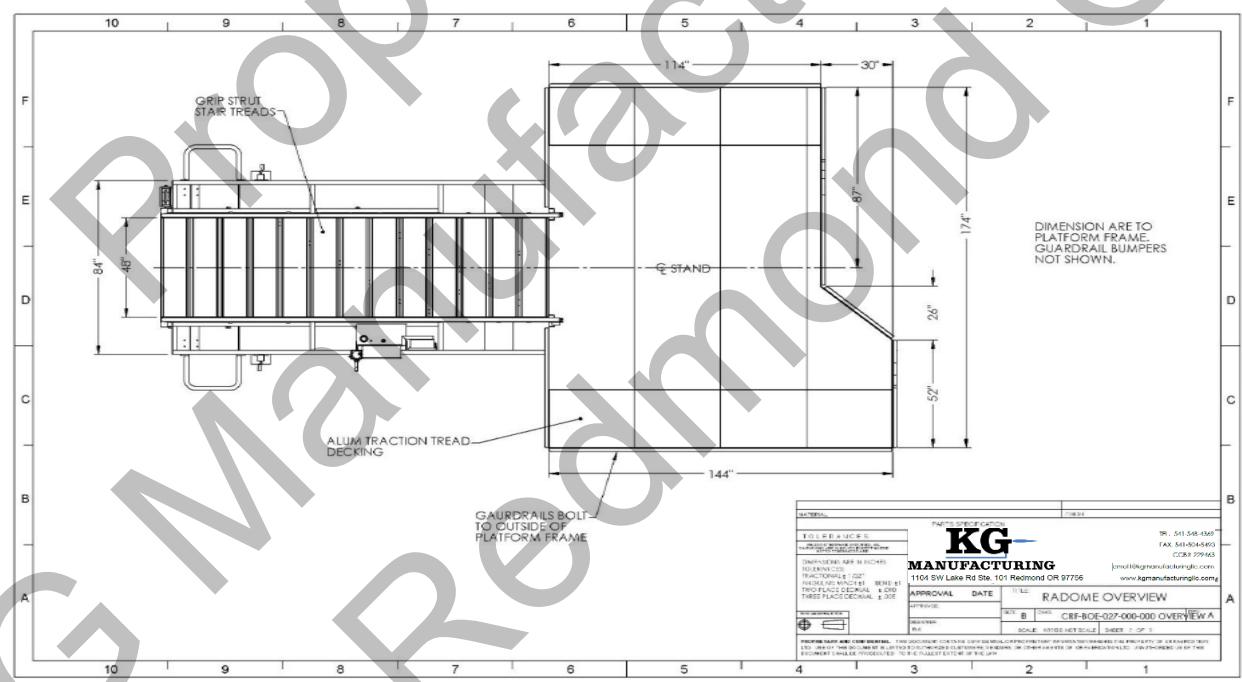
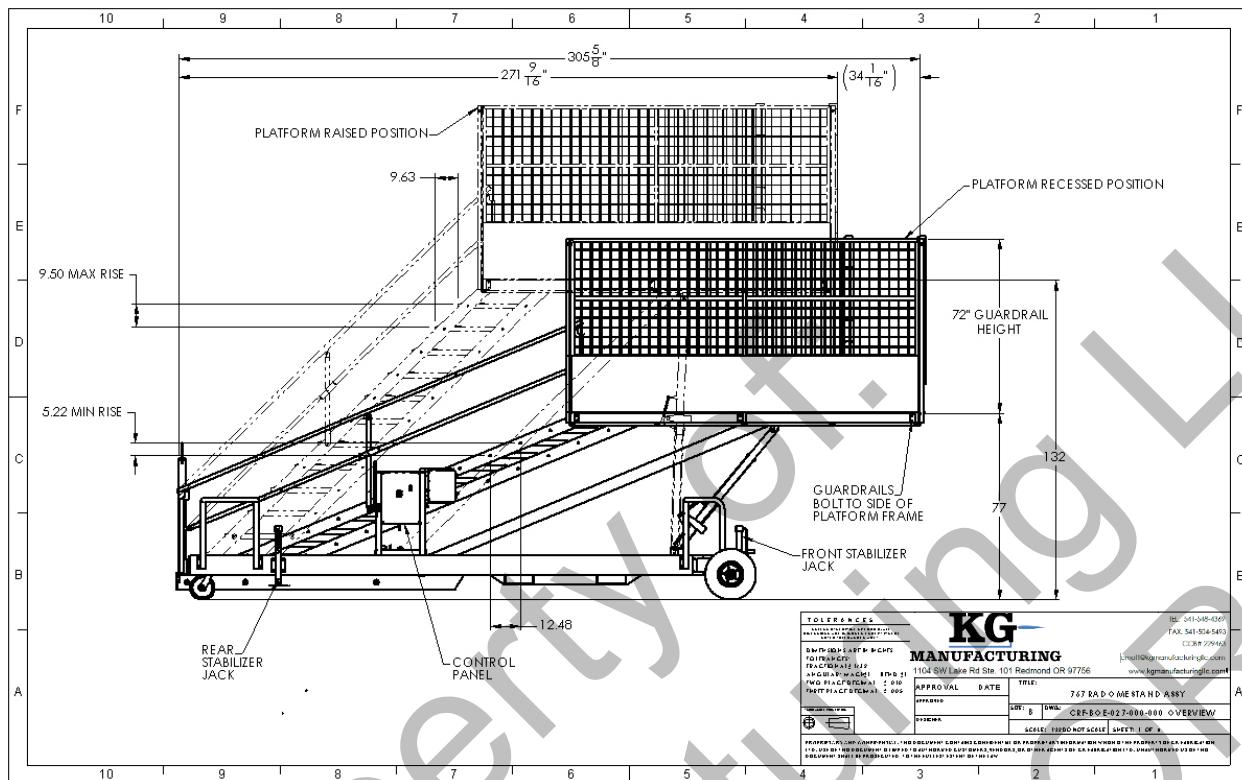
CASCADE GSE
A division of
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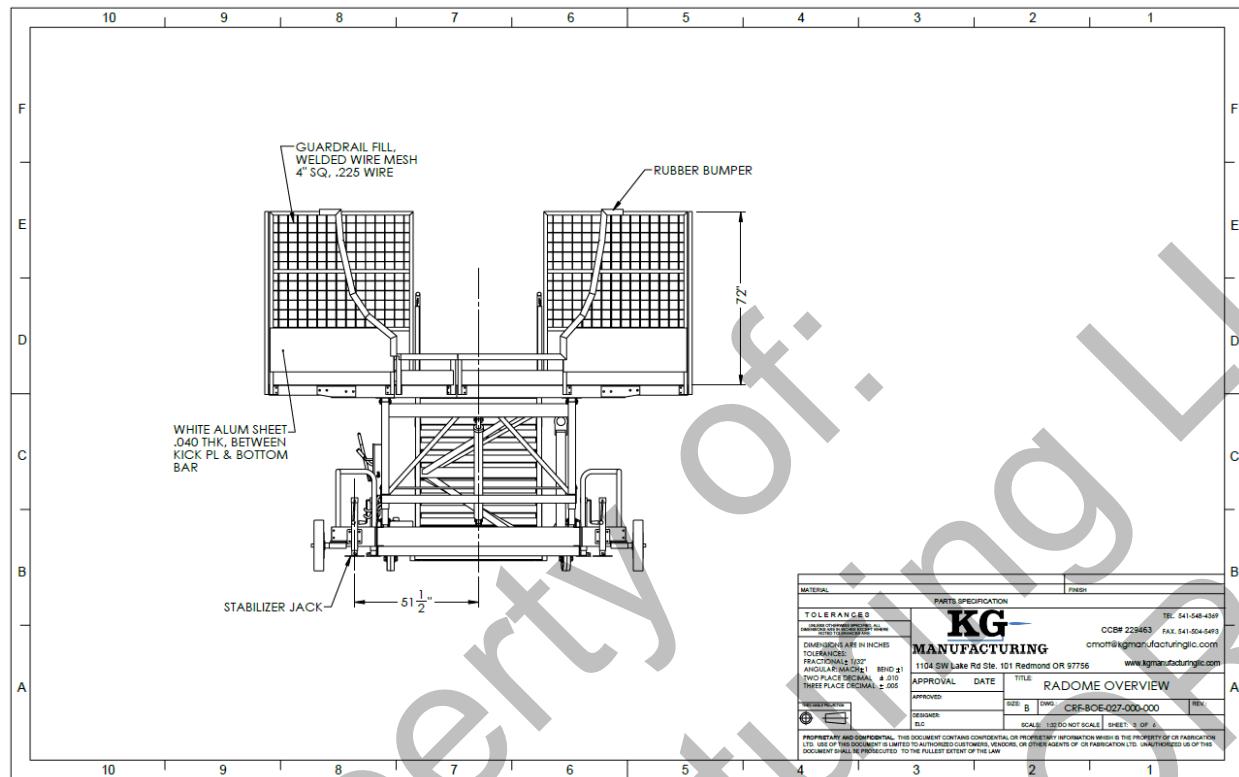
**Model # 012-BOE-767-Radome
Service Stair**



- 2000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- 4 Leveling/Stabilizing Jacks
- 6.9X9 Solid Tires on the Plane End
- Non Marking Bumpers
- Polyurethane Foam on Guard Rails in areas of potential plane contact
- Top Platform-Alum. Traction Tread
- Grip Strut Safety Grating on Stairs

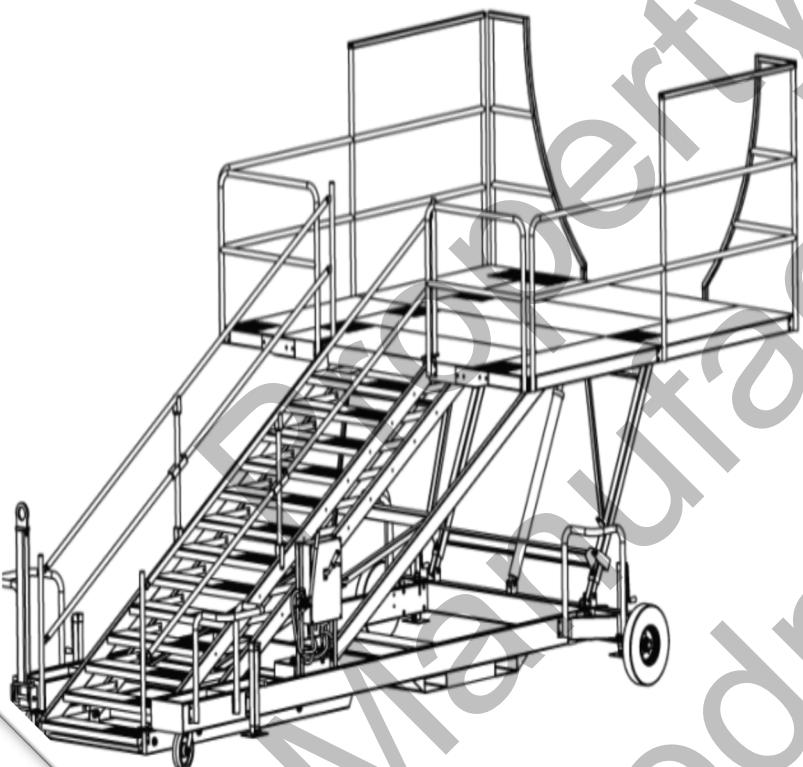
MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
012-BOE-767-Radome		6'-5" to 11'-0"	14'-6" X 12'





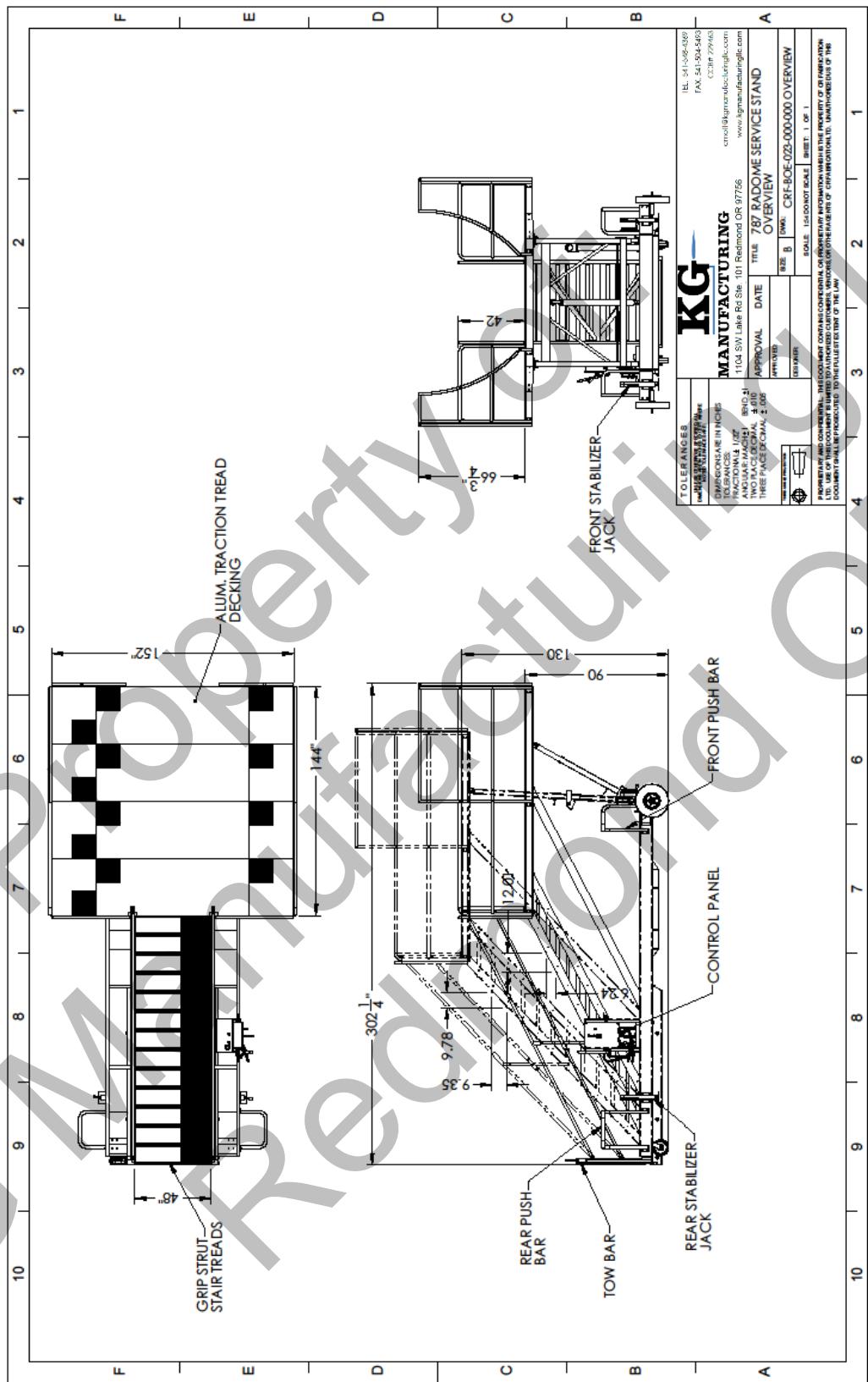


CASCADE GSE
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KG MANUFACTURING LLC.
Model # 011-BOE-787-Radome
Service Stair

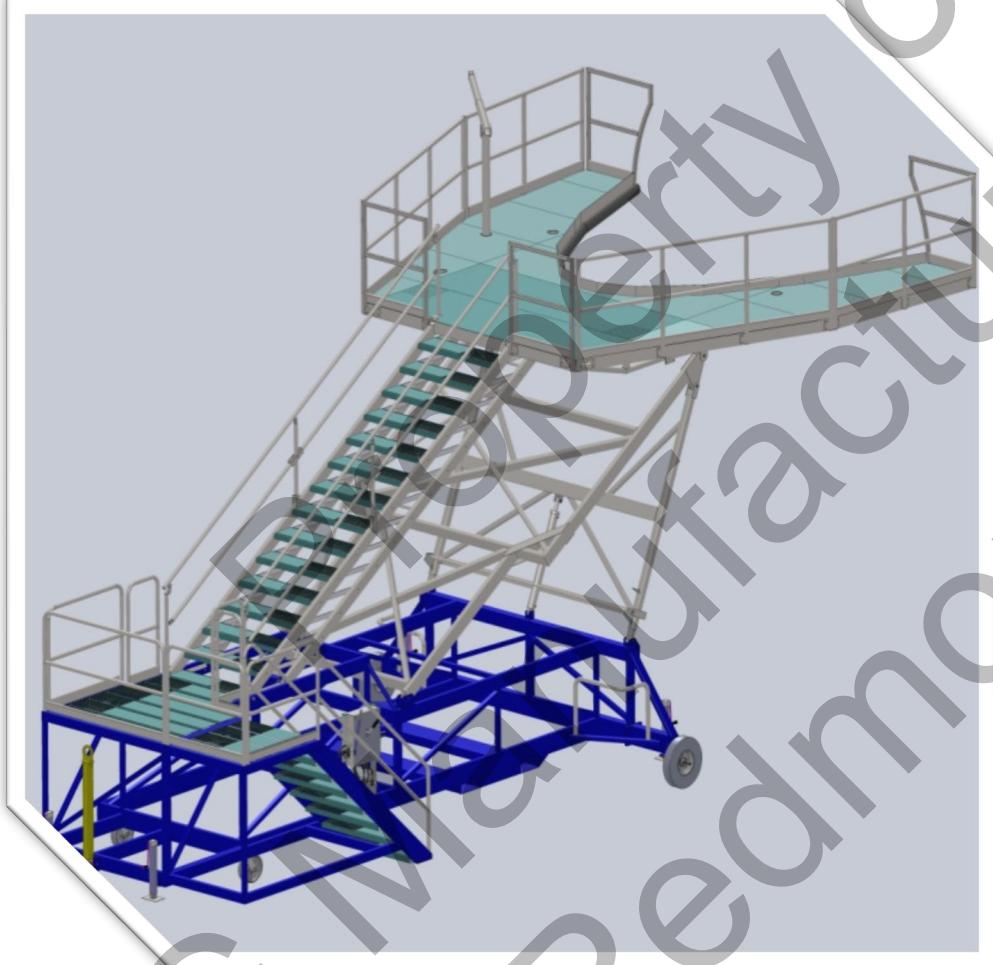


- 2000 Lb. Deck Capacity
- All Steel and Aluminum Construction
- Air/Hydraulic Platform Adjustment
- 4 Leveling/Stabilizing Jacks
- 6.9X9 Solid Tires on the Plane End
- Non-Marking Bumpers
- Polyurethane Foam on Guard Rails in areas of potential plane contact
- Top Platform-Alum. Traction Tread
- Grip Strut Safety Grating on Stairs
- Tow Bar

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
011-BOE-787-Radome		7'6" to 10'8"	12'6" X 12'

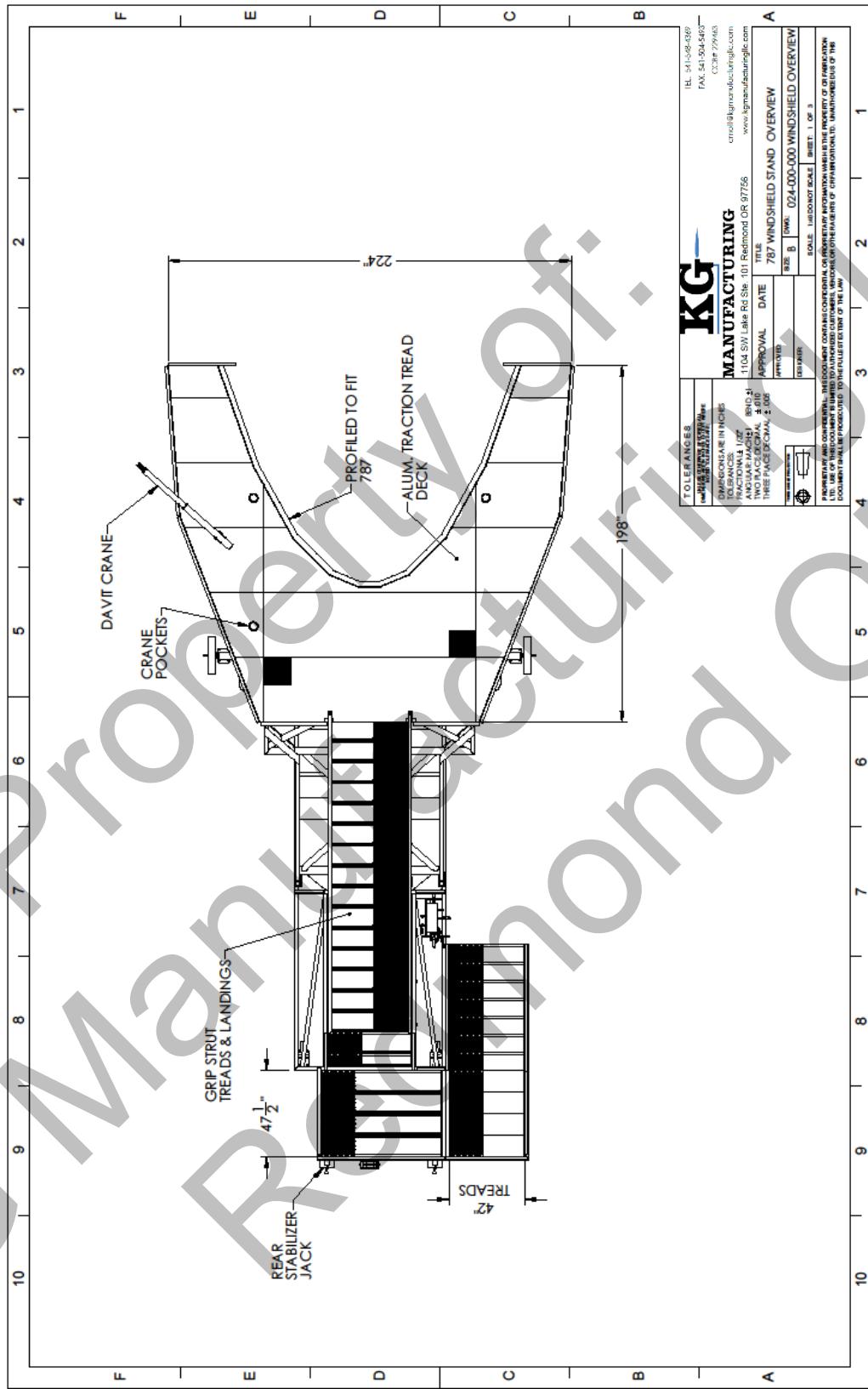


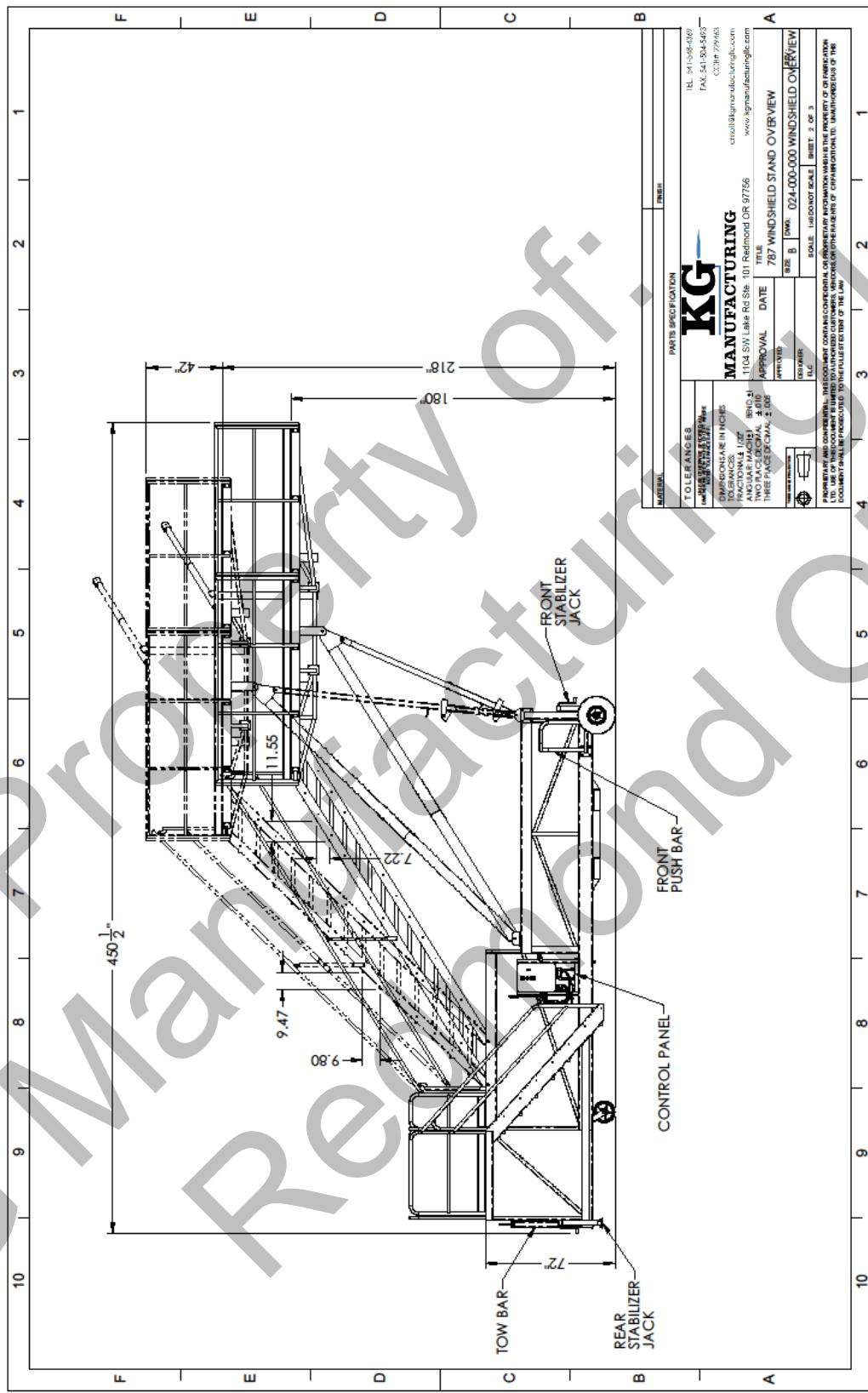
CASCADE GSE
A division of
KG MANUFACTURING LLC.
Model # 011-BOE-787-WINDSHIELD
Service Stair

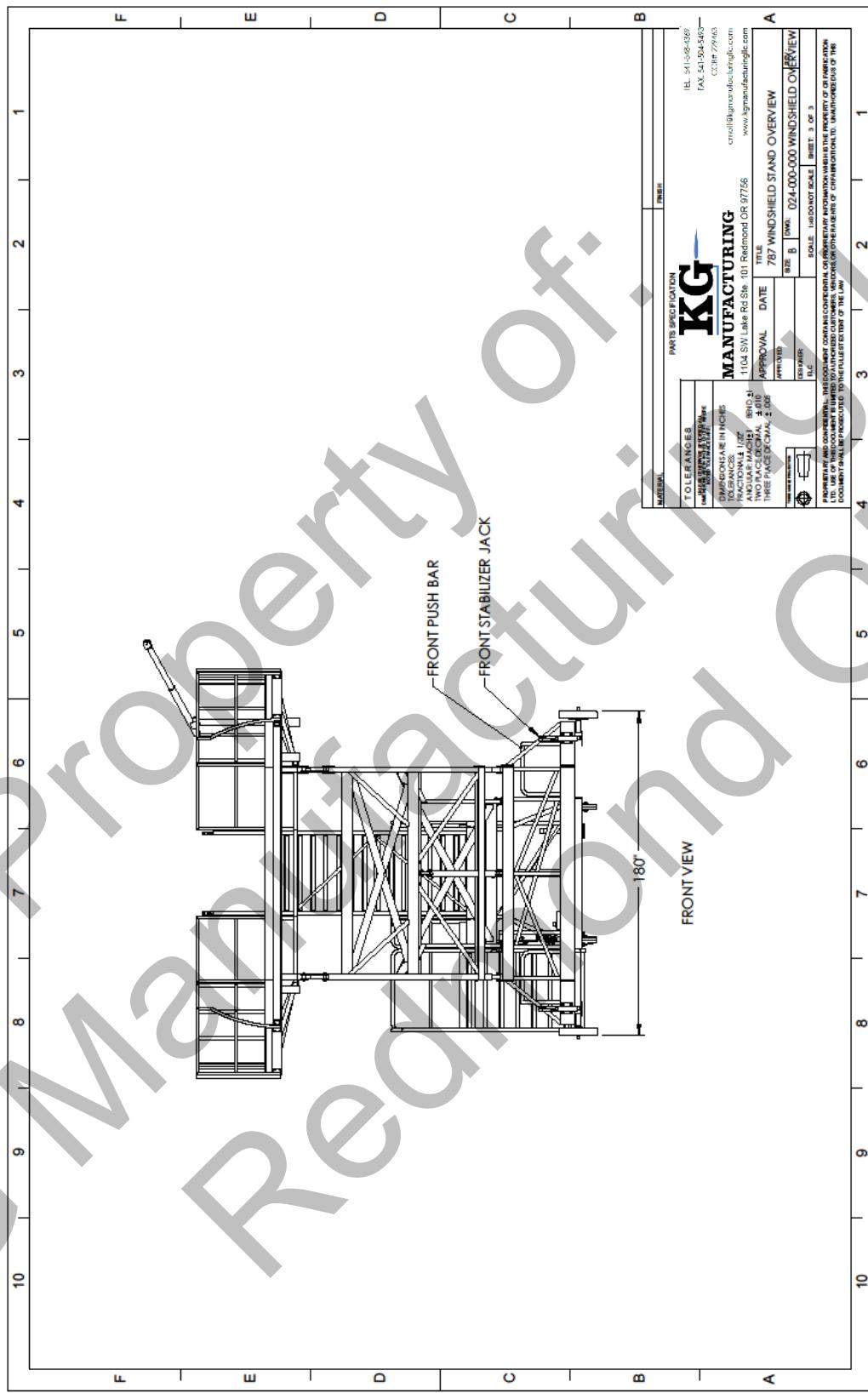


- 2000 Lb. Deck Capacity
- Steel and Aluminum Construction
- Removable Dabit Crane w/500 Lb. Lifting capacity
- 4-7000 Lb. Leveling/Stabilizing Jacks
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Non-Marking Bumpers
- Top Platform Alum. Traction Tread
- Grip Strut Safety Grating on Stairs
- 12" Casters
- Tow Bar

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
011-BOE-787-WINDSHIELD	787	15' to 18'	18'-8"x16'-6"

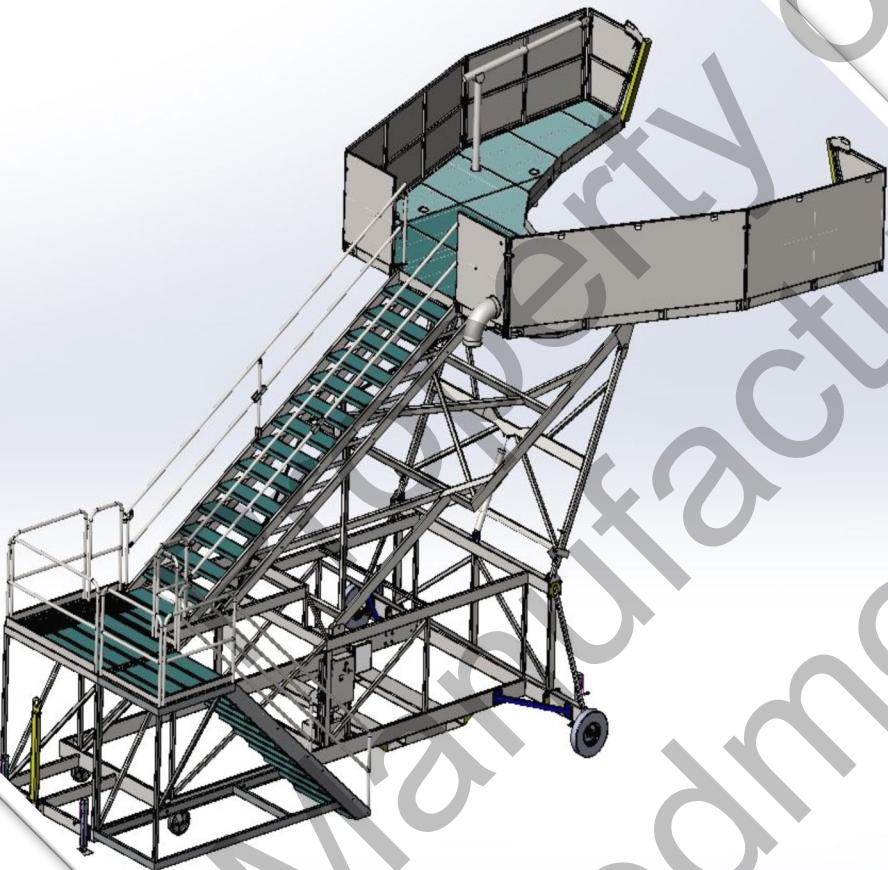






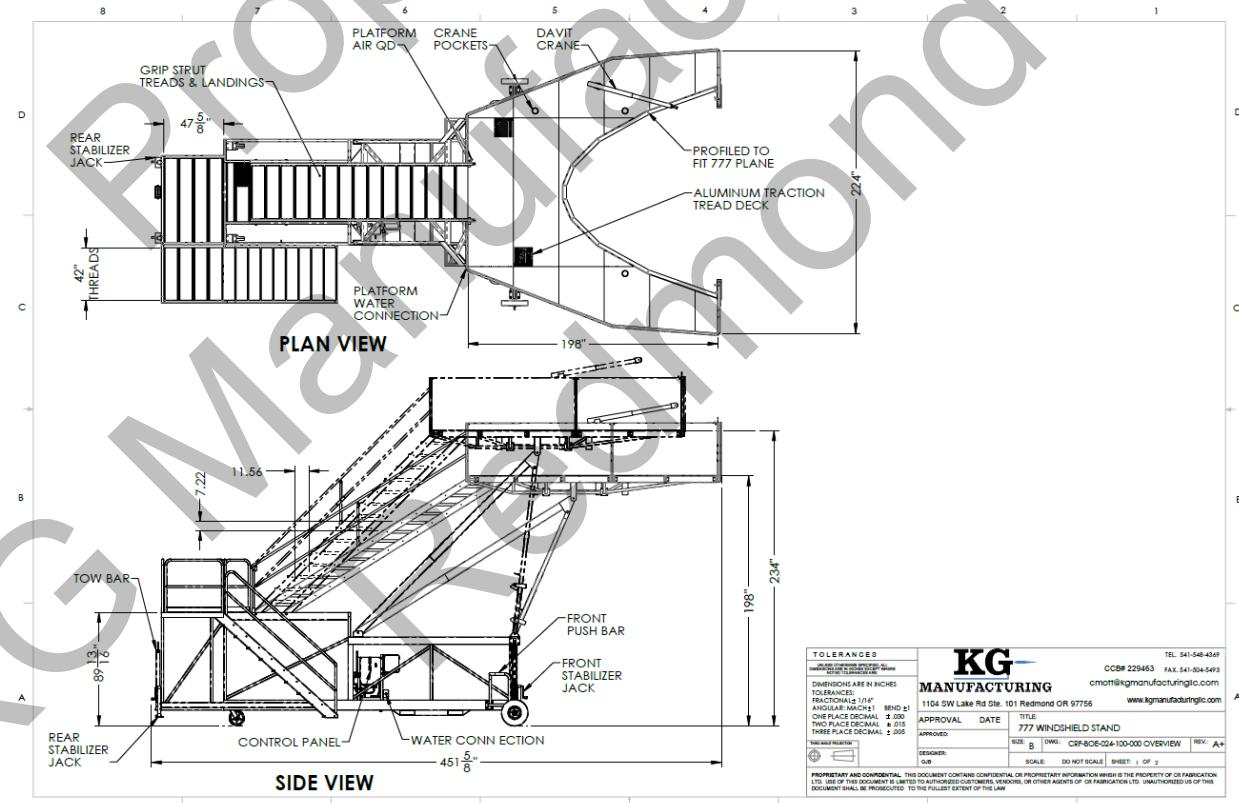
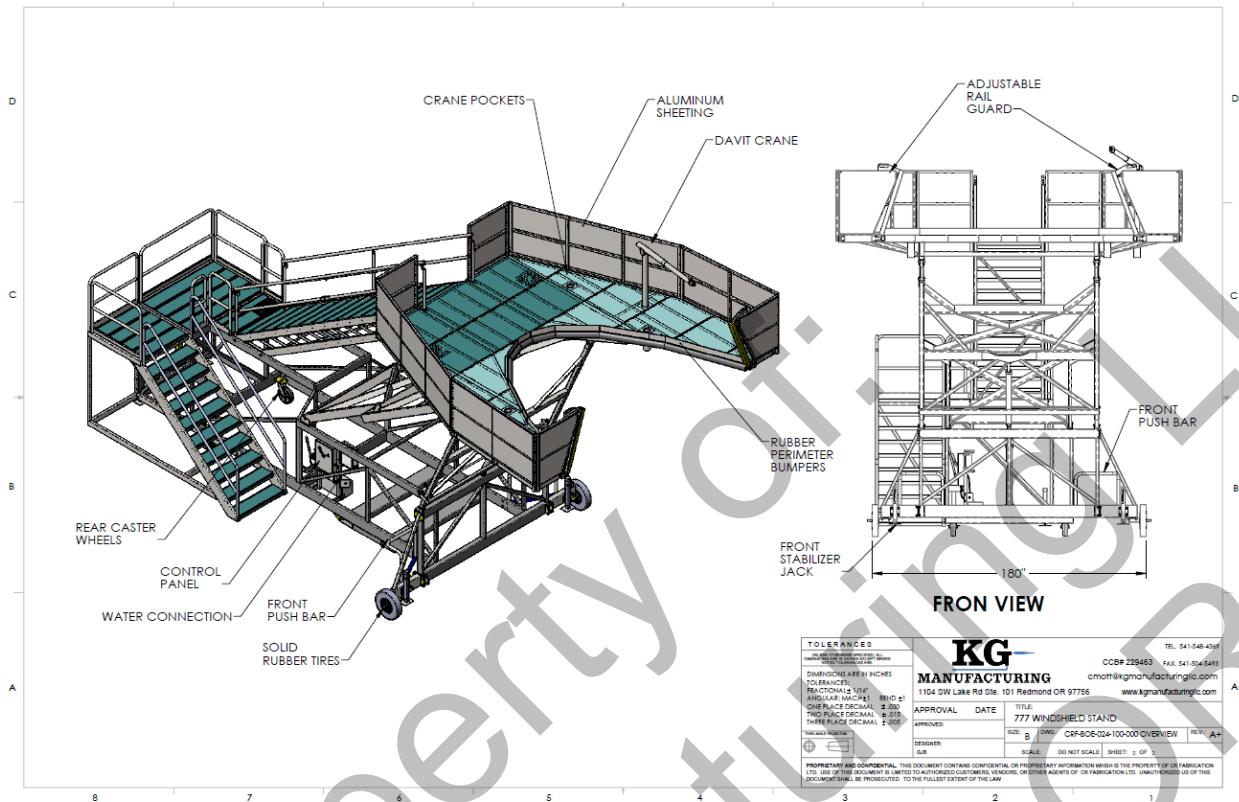


CASCADE GSE
A division of
KG MANUFACTURING LLC.
Model # 015-BOE-777-WINDSHIELD
Service Stair



- 2000 Lb. Deck Capacity.
- Steel and Aluminum Construction.
- Air over Hydraulic platform adjustment
- 1/8 Aluminum punch plate deck mat.
- Steel Grip Strut steps without kick plate.
- Stainless Steel Hardware.
- Removable Dabit Crane w/500 Lb. Lifting capacity.
- 4-7000 Lb. Leveling/Stabilizing Jacks
- Heavy Duty polyurethane on aluminum casters.
- 6.9X9 Solid non marking tires.
- Non-Marking 60A Santoprene front bumper.
- Polyurethane foam pad at rail contact points with plane
- Fork lift pockets.
- Air and Water at deck.

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
015-BOE-777-WINDSHIELD		16'5" to 19'5"	18'8" x 16'6"

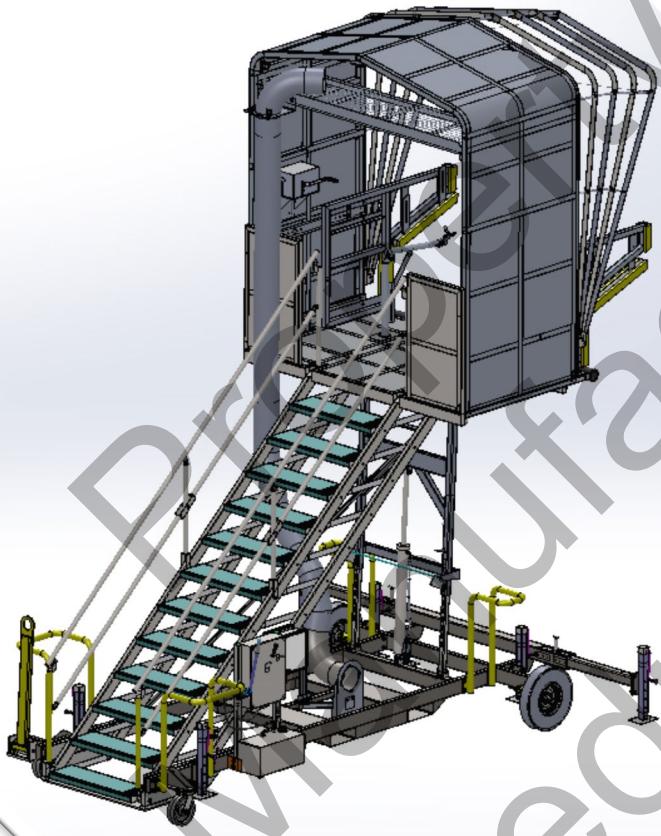


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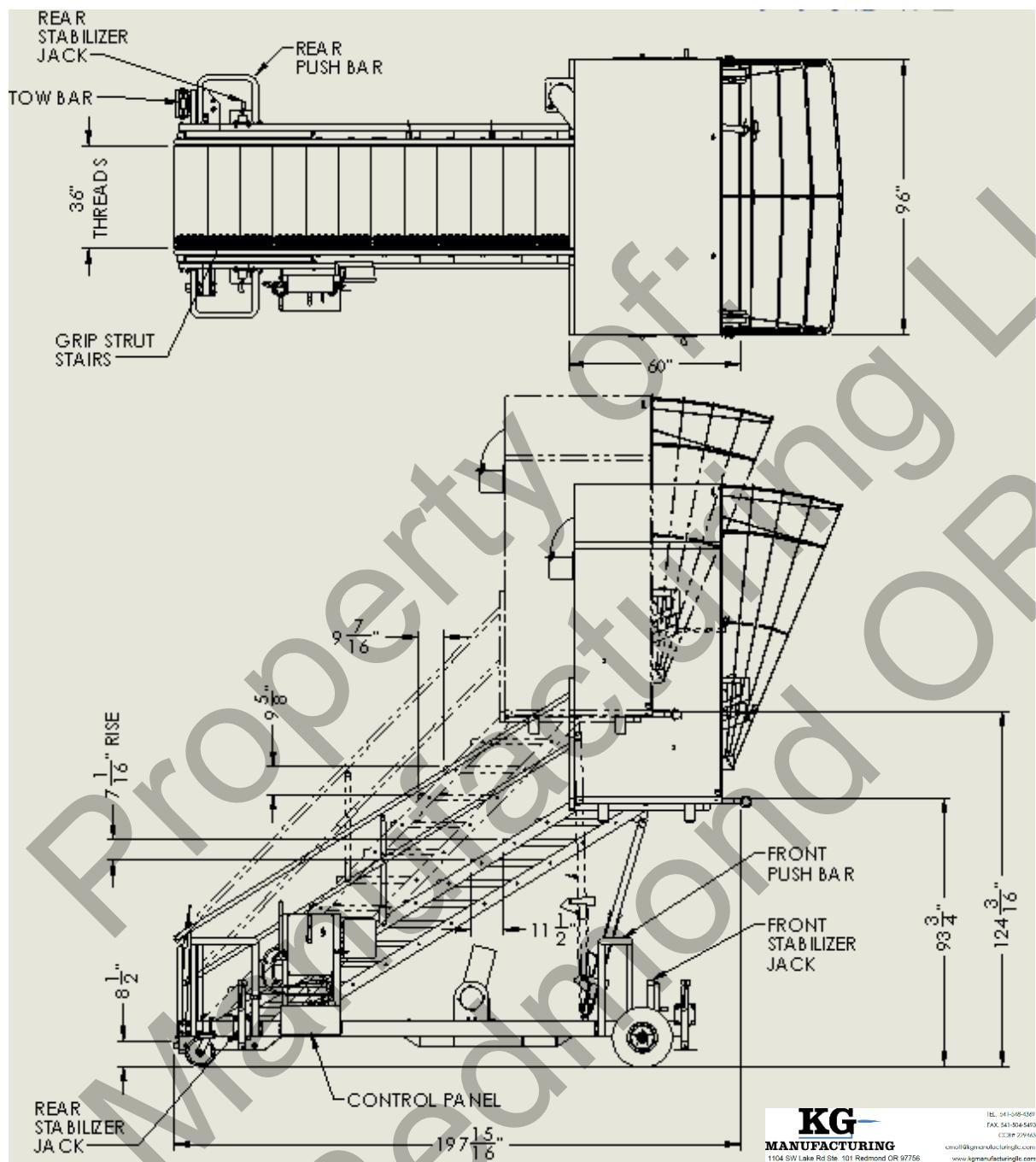
Model # 011-BOE-737-WINDSHIELD

Service Stair

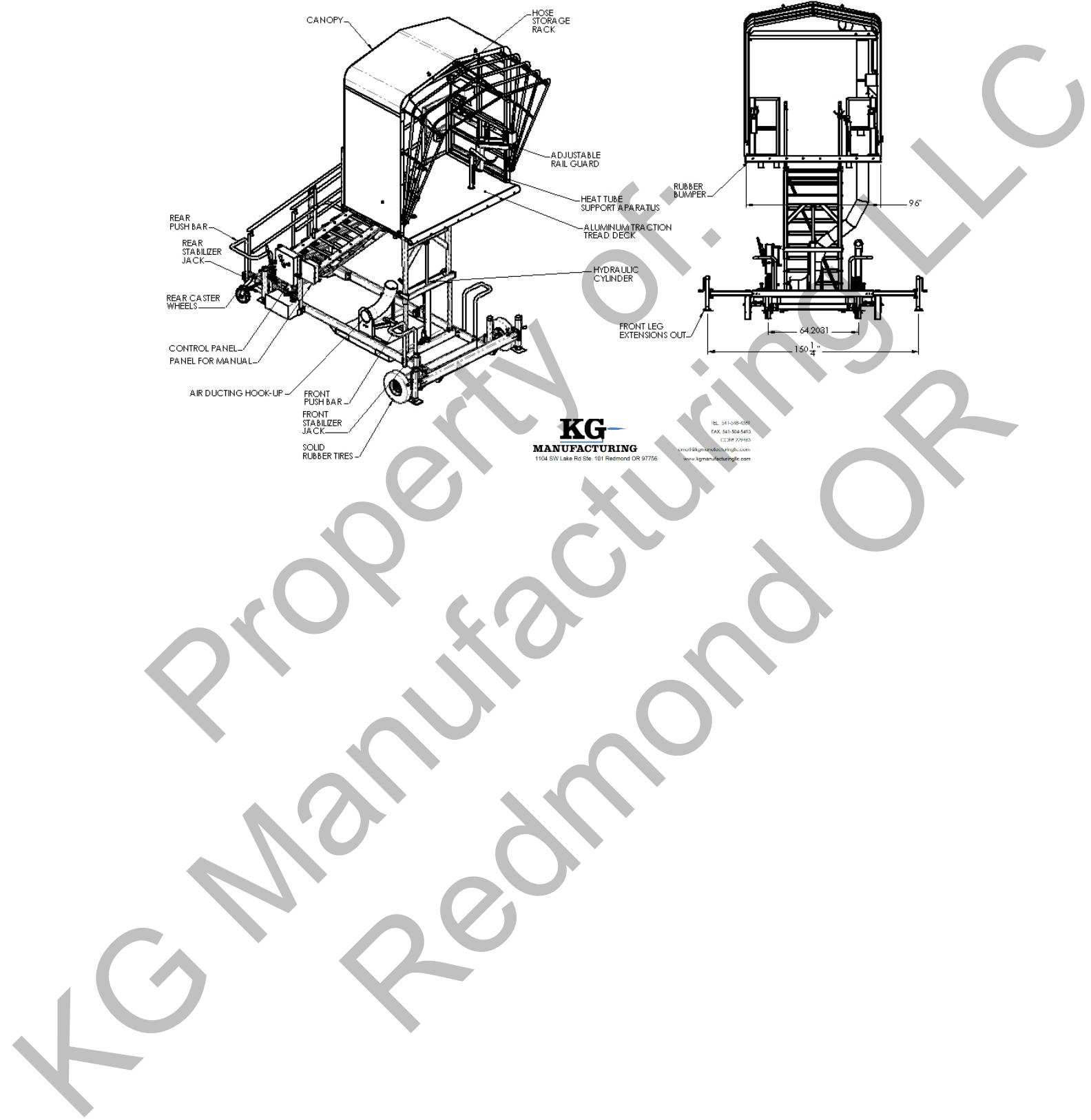


- 1000 Lb. Deck Capacity
- Air over Hydraulic Platform adjustment
- Safety Locks
- 6 leveling/ Stabilizing Jacks
- Adjustable Platform Rails
- Polyurethane Foam Bumpers top of rails
- 10" Swivel Casters with Poly Tread on stair end
- 6.9 x 9 Solid Tires on the plane end
- Grip Strut Safety Grating on Stairs
- Top Platform- Alum. Traction Tread
- Fork Lift Pockets

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
011-BOE-737-WINDSHIELD		7'9" to 10'4"	5' x 8'



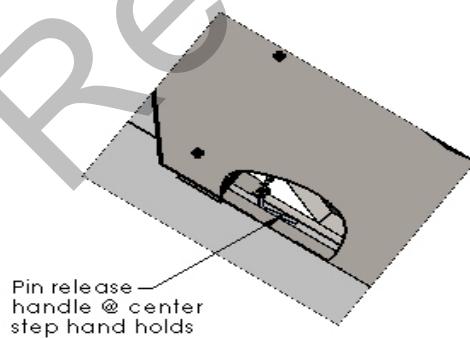
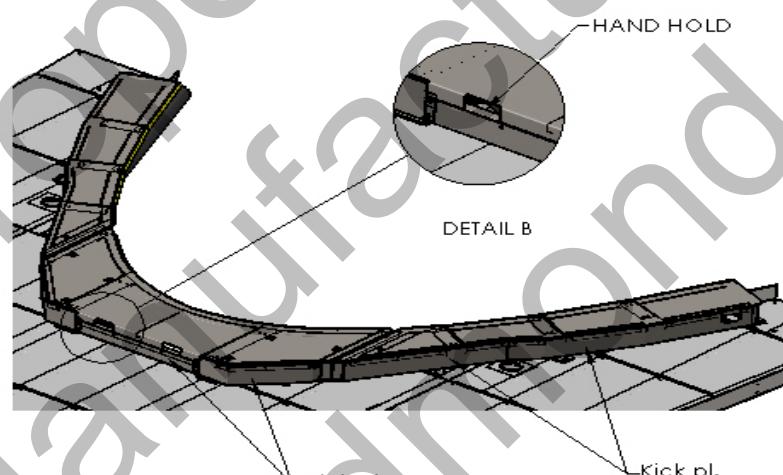
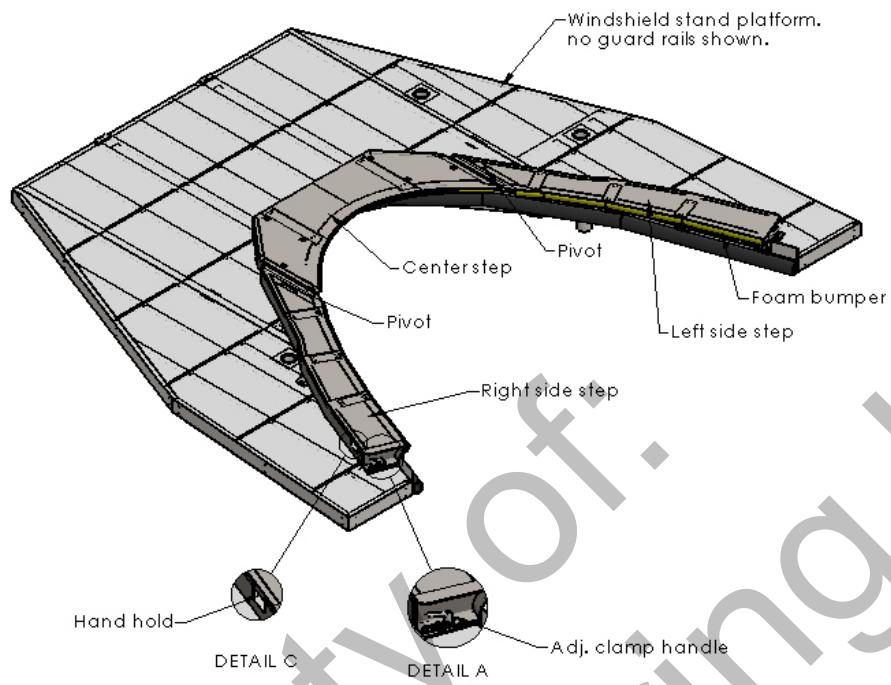
KG
MANUFACTURING
1104 SW Lake Rd Ste. 101 Redmond OR 97756
FAX: 541-504-5403
CSCR# 229463
cmroll@kgmanufacturingllc.com
www.kgmanufacturingllc.com

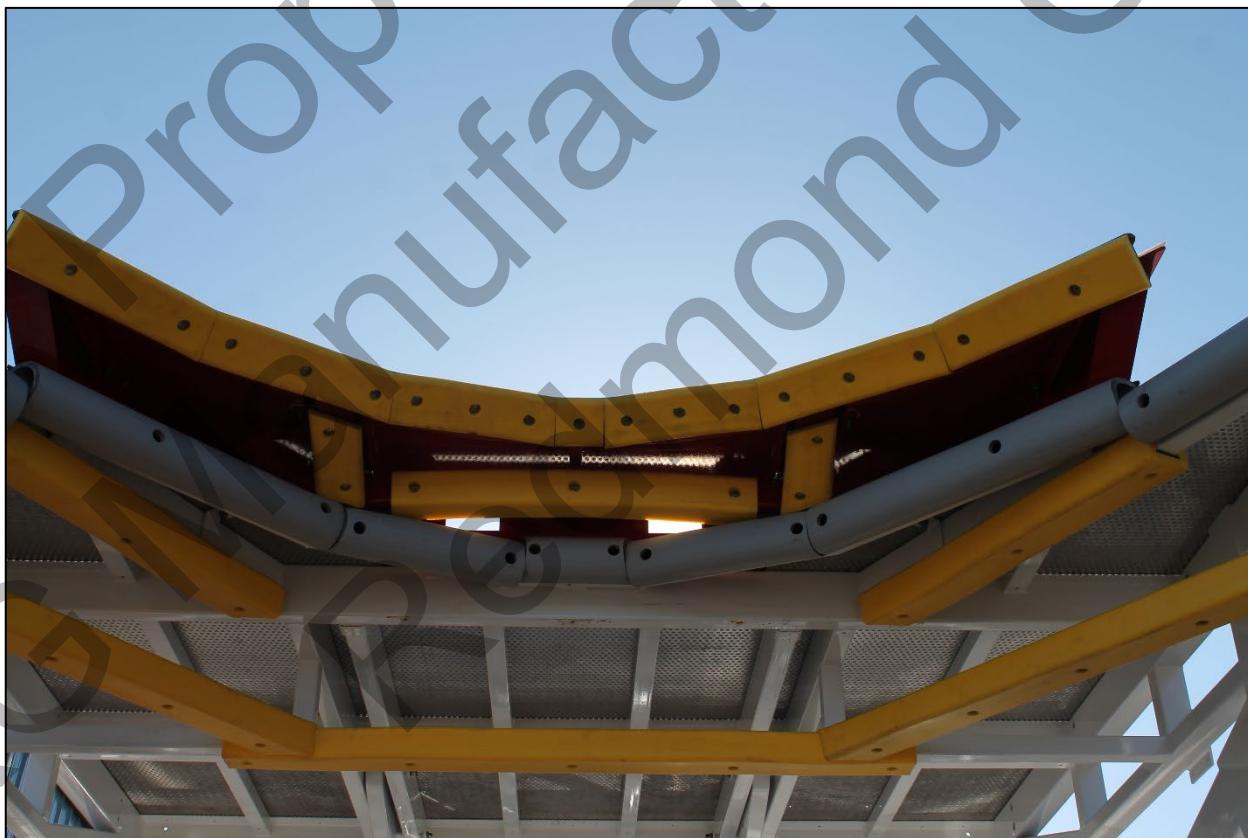
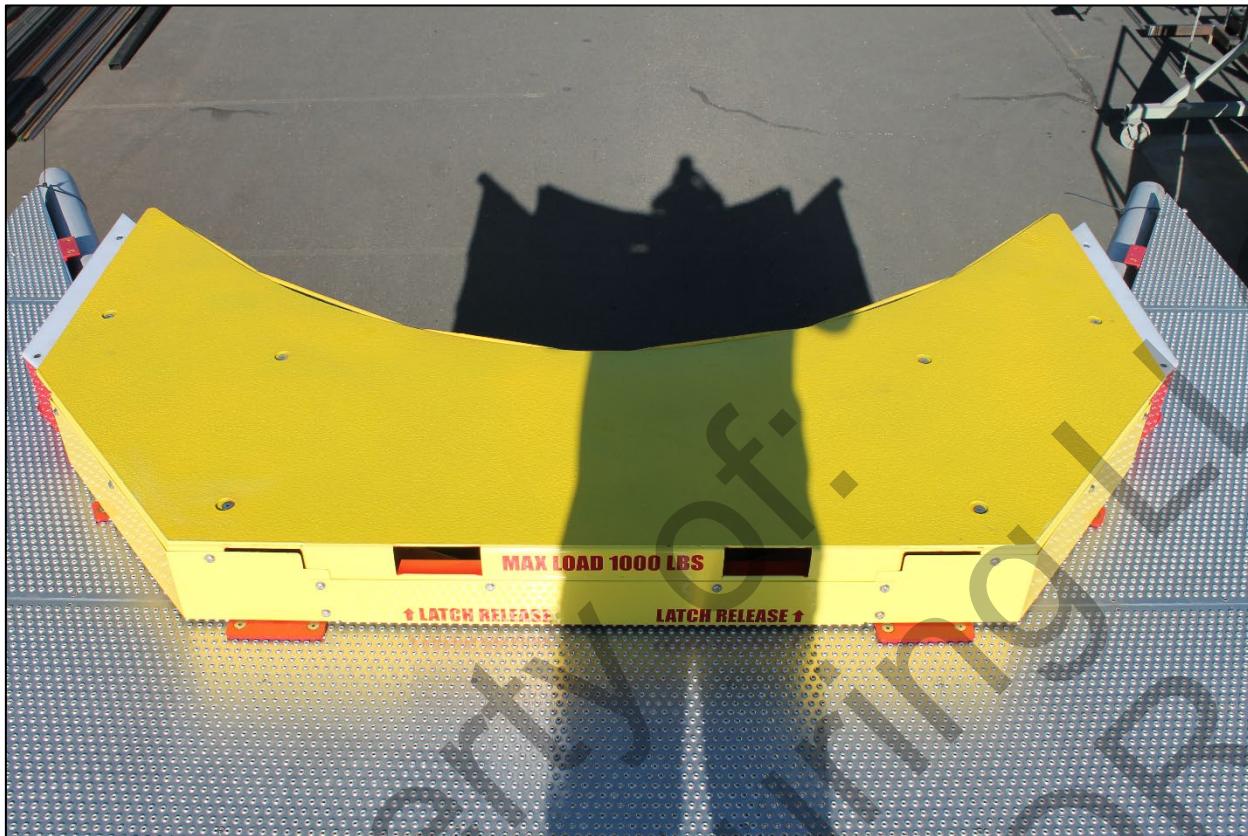


CASCADE GSE
A division of
KG MANUFACTURING LLC.
Model # 024-006-001 Windshield Stand
Gap Close-Out Steps



- Add on part for 787 & 777 Windshield Stands.
- Max Load Rating 1000 lbs.
- Weight 670 lbs.
- All contact points padded with Polyurethane Foam
- Adjustability to minimize gap between stand and plane for optimal safety environment.
- Weight 670 lbs.





CASCADE GSE

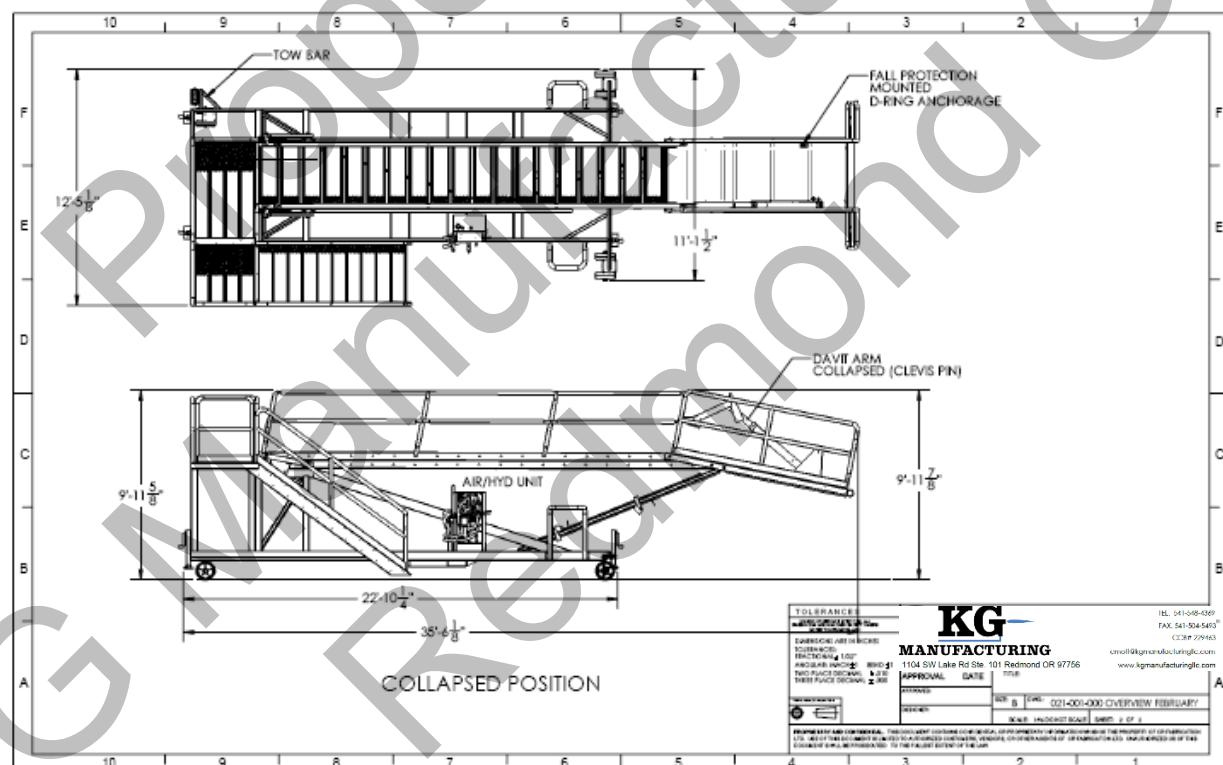
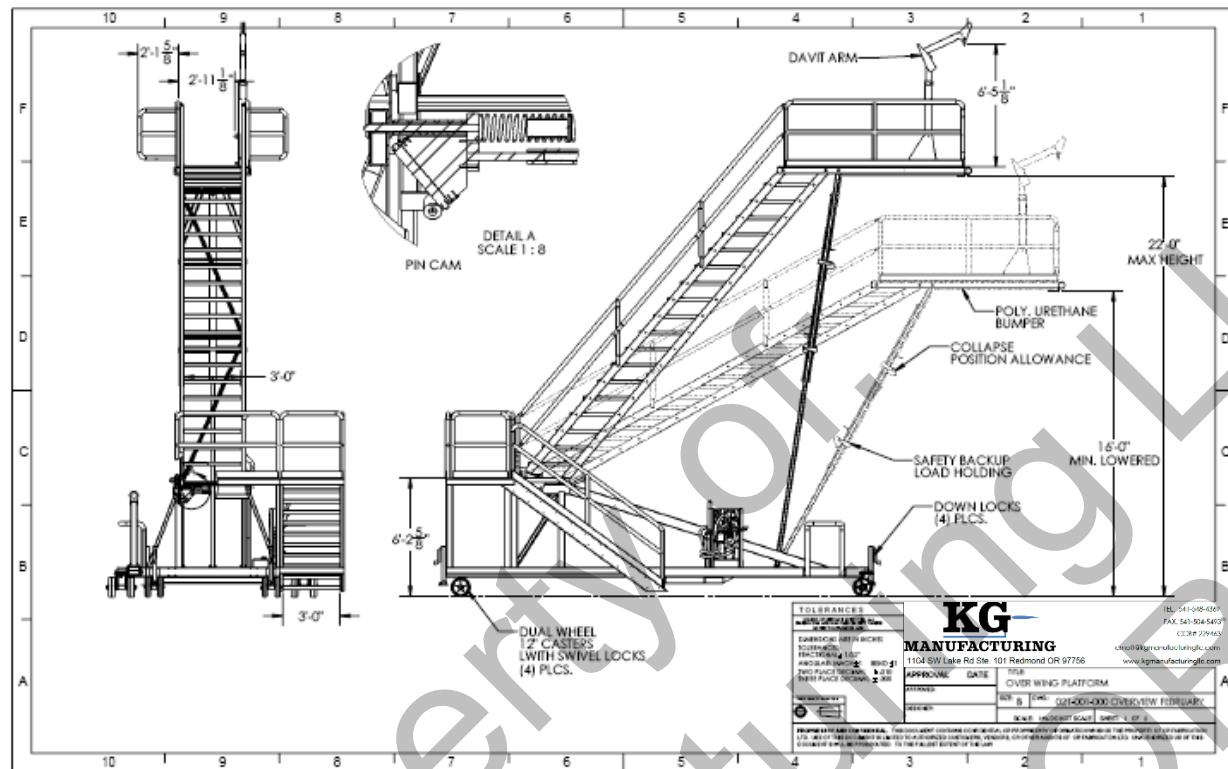
A division of
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Model # 010-BOE-OVERWING
Service Stair



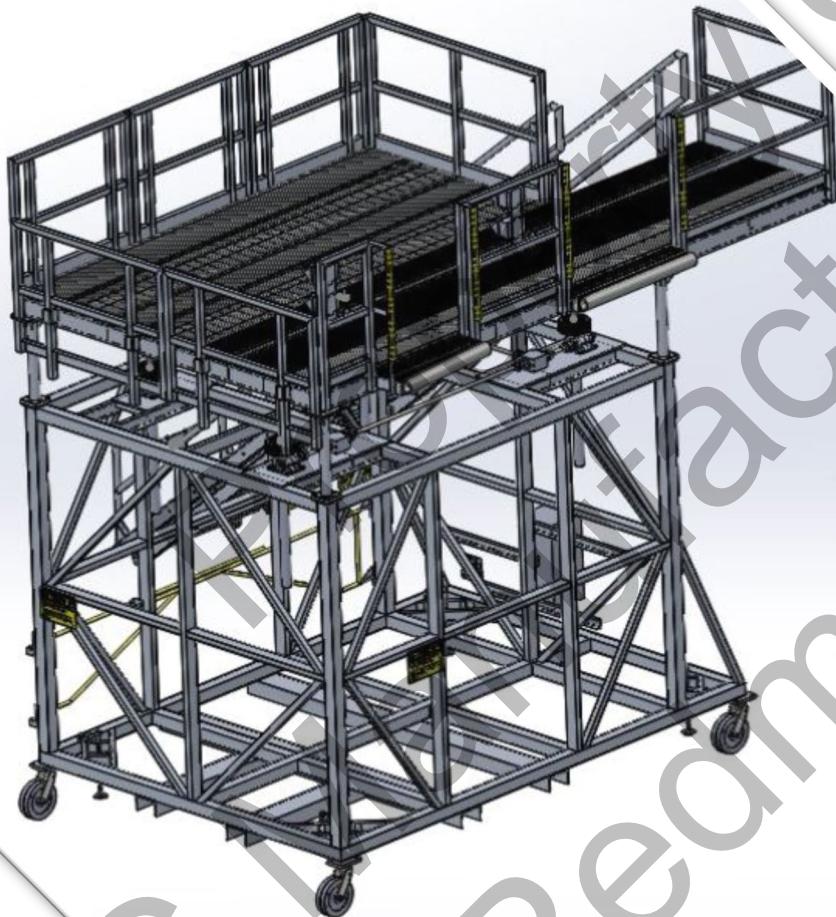
- 2000 Lb. Deck Capacity
- All Steel Construction
- Air/Hydraulic Platform Adjustment
- Safety Lock
- 4 Leveling/Stabilizing Jacks
- Fork Lift Pockets
- 6.9X9 Solid Tires on the Plane End
- Fall Arrest
- Non-Marking Bumpers
- Polyurethane Foam Hand Rail and Bottom of Deck
- Aluminum Traction Tread on Platform
- Grip Strut Stairs
- Dual 12" Swivel Casters with Locks
- Tow Bar
- Collapses to 10' Max Height
- Air Supply at Deck

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
010-BOE-OVERWING		16'6" TO 22'6"	4' x 9'9"



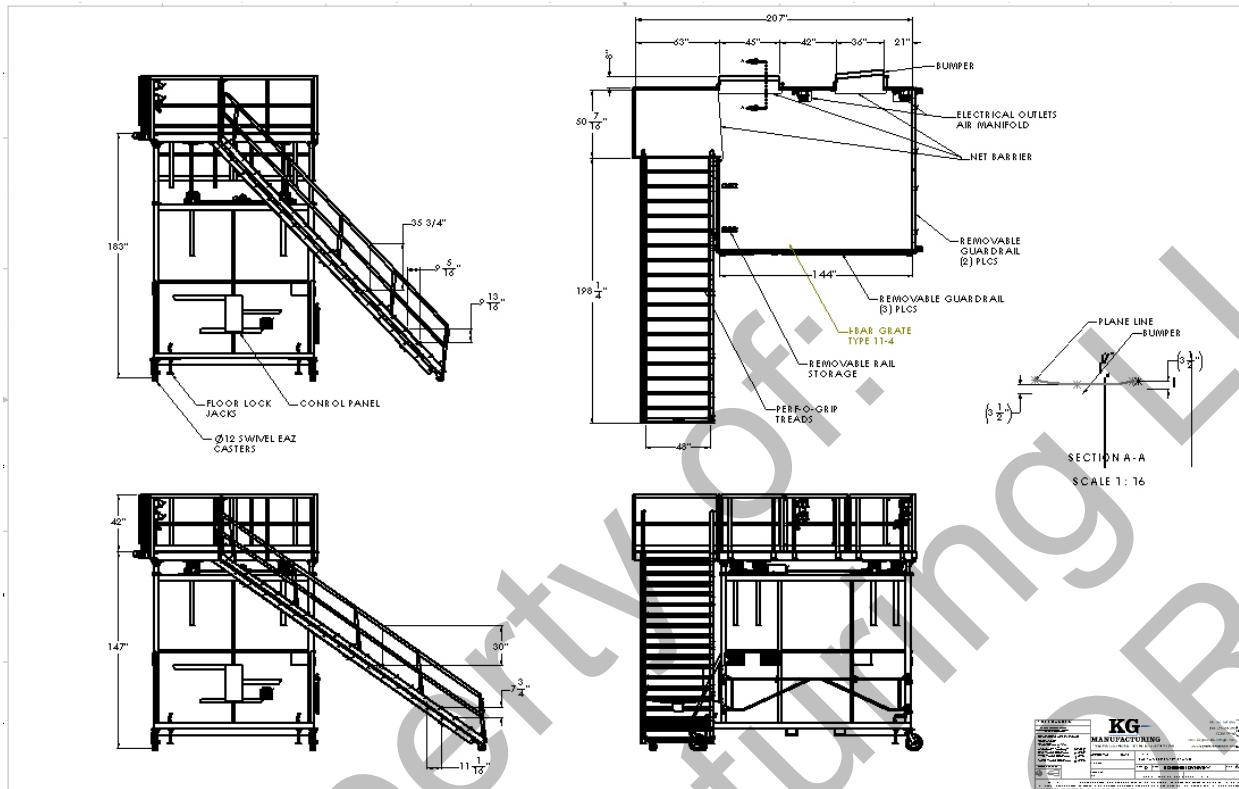


CASCADE GSE
A division of
KG MANUFACTURING LLC.
Model # 014-BOE-767-FWD-ENTRY
Service Stair

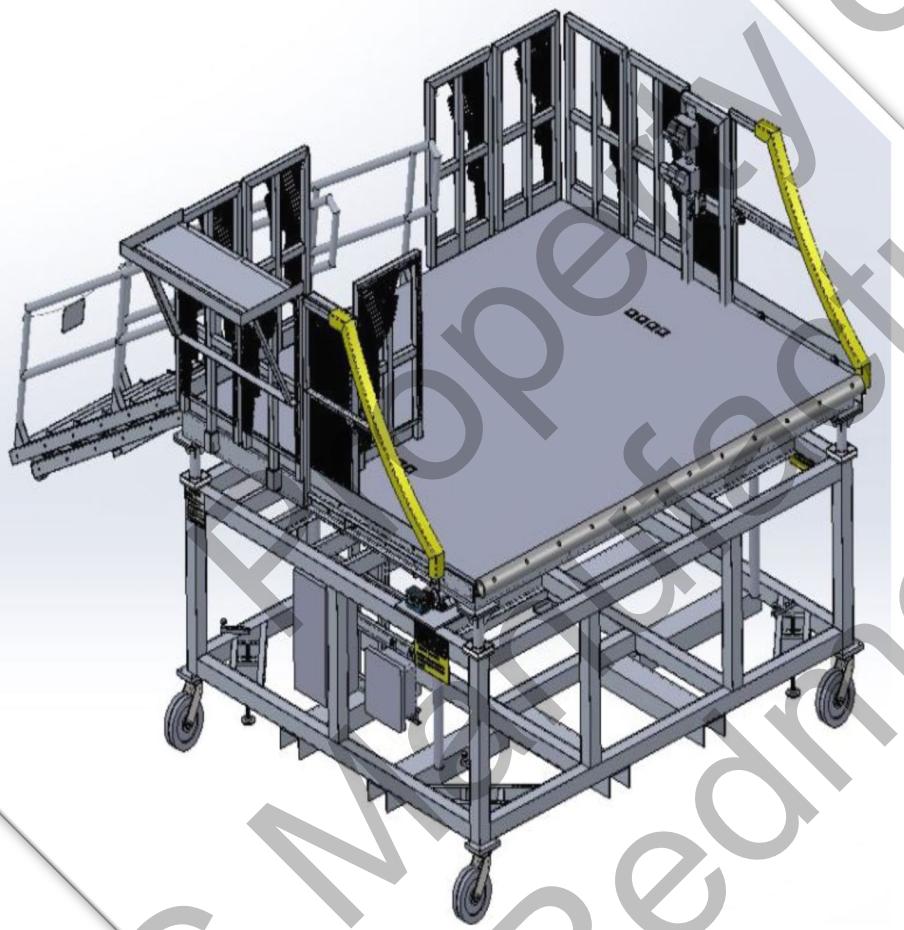


- 3000 Lb. Deck Capacity
- All 6061 Aluminum Construction
- Aluminum Stair Treads
- 4 Leveling/Stabilizing Jacks
- 4 Heavy Duty 12 x 3 dual wheel swivel casters.
- Orange poly netting at deck opening and top of stairs.
- Yellow swing safety gates w/ modifications.
- Non-marking 60A Santoprene front bumper.
- Polyurethane foam pad at rail contact points with plane.
- Aluminum swaged grating Type 7-4 Deck.
- Removable handrail except at stair entry and plane side.
- Compressed air (4) 3/8 outlets in 2 locations on deck.
- 4 Explosion proof Class 1 Div. 1 receptacles on each side of deck.

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
014-BOE-767-FWD-ENTRY		12'4" to 15'4"	12' x 10'

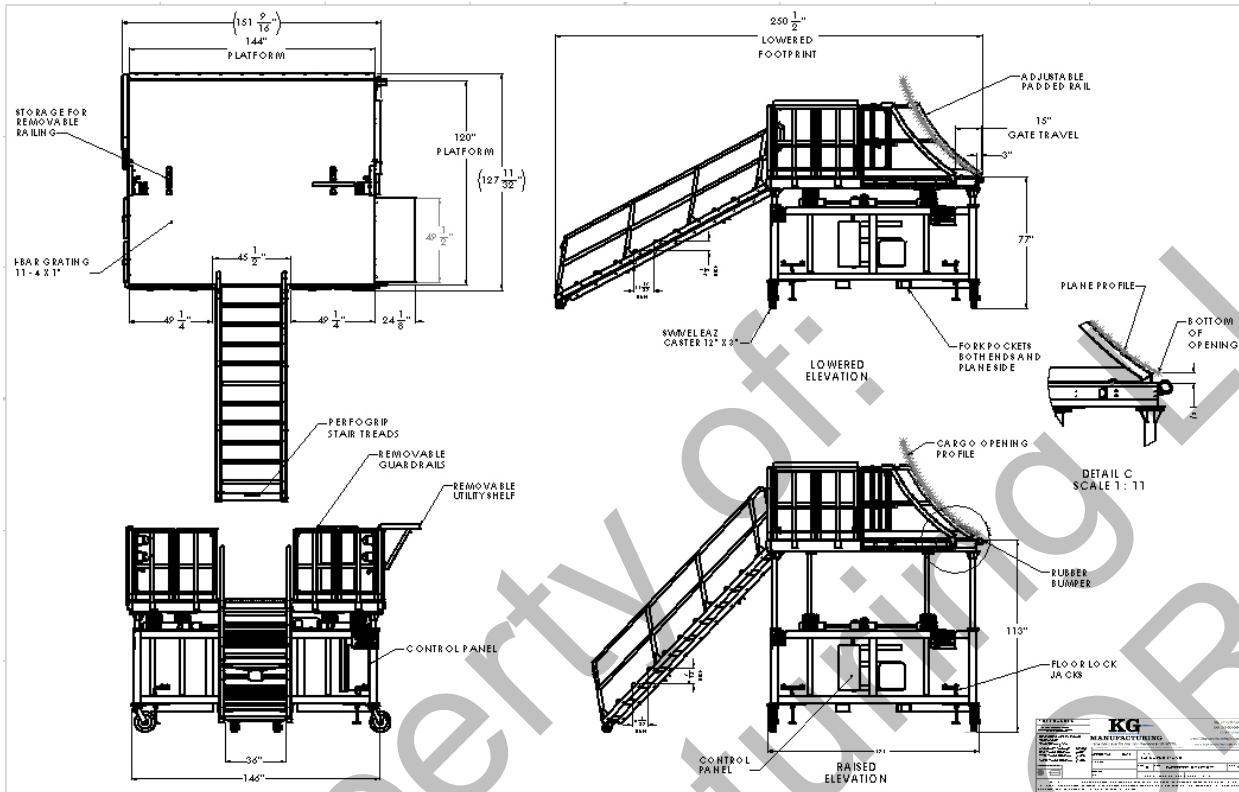


CASCADE GSE
A division of
KG MANUFACTURING LLC.
Model # 014-BOE-767-FWD-CARGO
Service Stair



- 3000 Lb. Deck Capacity
- All 6061 Aluminum Construction
- Aluminum Stair Treads
- 4 Leveling/Stabilizing Jacks
- 4 Heavy Duty 12 x 3 dual wheel swivel casters.
- Orange poly netting at deck opening and top of stairs.
- Yellow swing safety gates w/ modifications.
- Non-marking 60A Santoprene front bumper.
- Polyurethane foam pad at rail contact points with plane.
- Aluminum swaged grating Type 7-4 Deck.
- Removable handrail except at stair entry and plane side.
- Compressed air (4) 3/8 outlets in 2 locations on deck.
- 4 Explosion proof Class 1 Div. 1 receptacles on each side of deck.
- Removable shelf 60" long 24" deep with 3" back and side lip.

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
014-BOE-767-FWD-CARGO		6'4" to 9'4"	12' x 10'



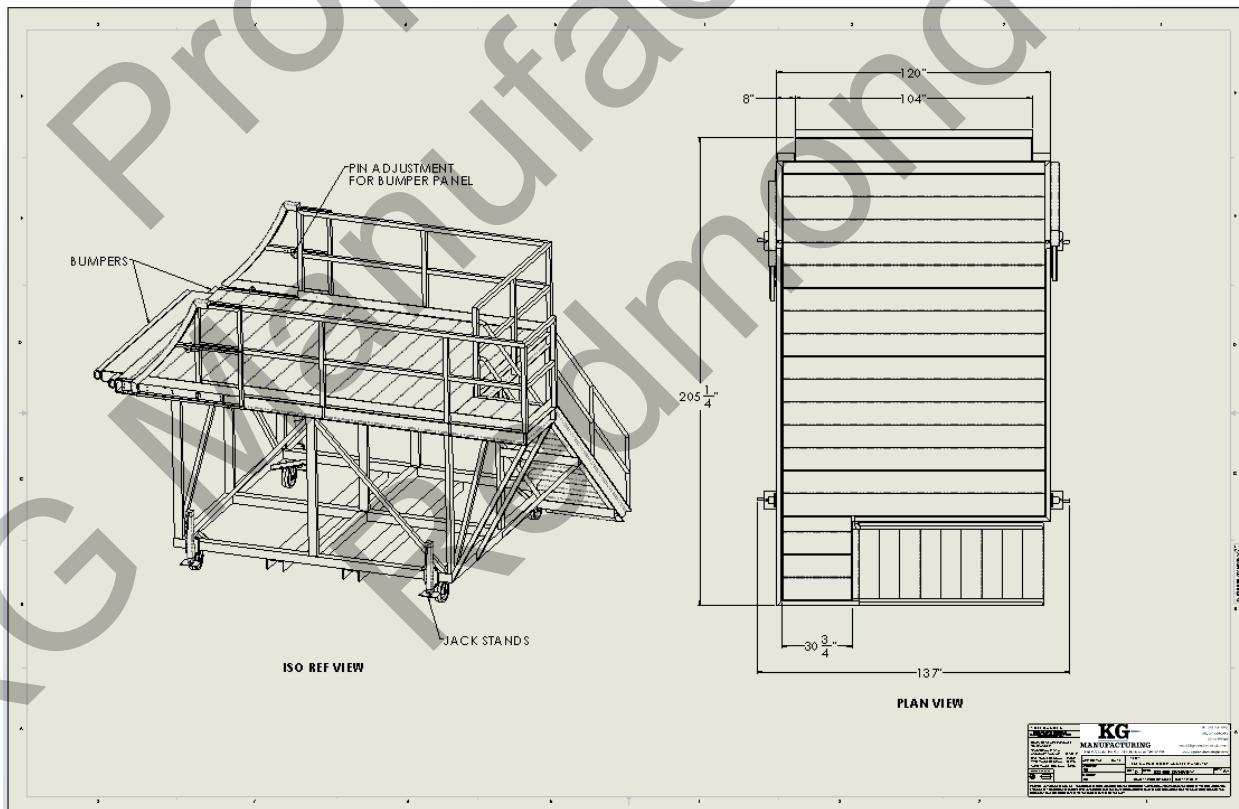
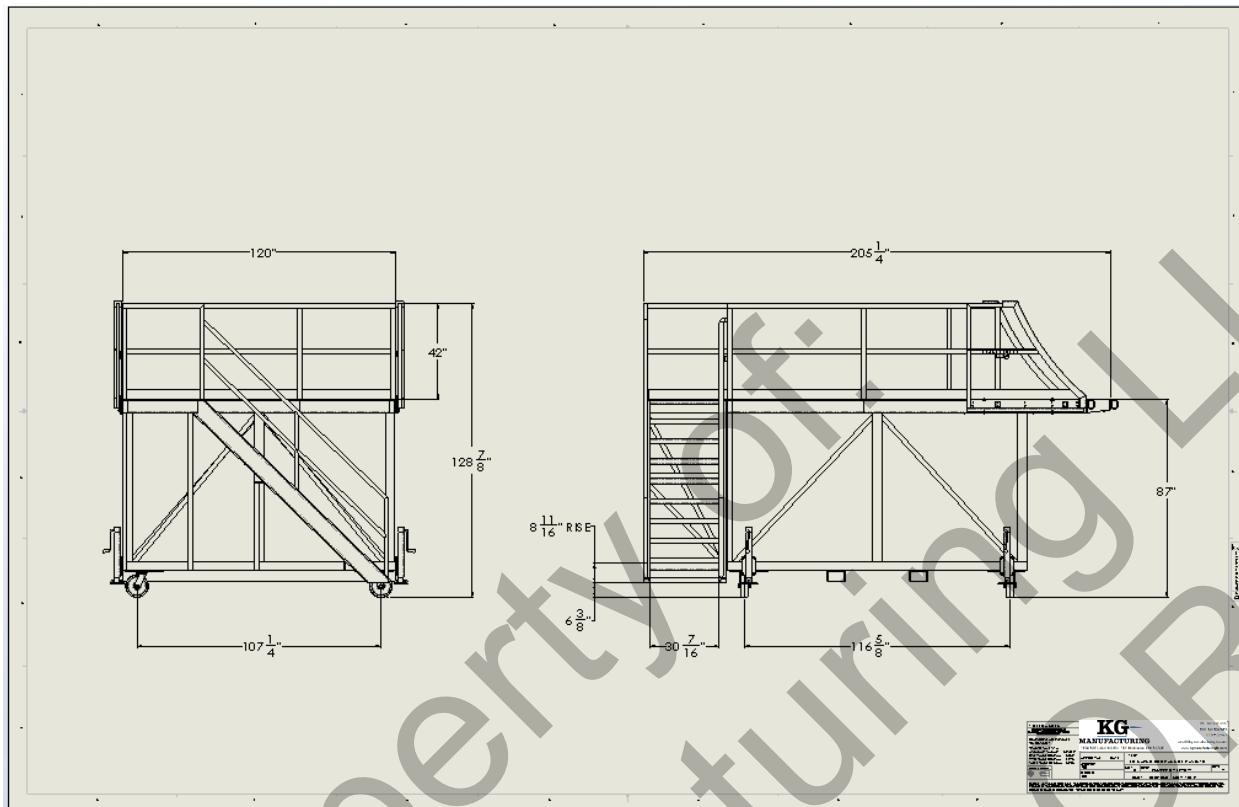
KG Manufac
turing
Redmond, OR

CASCADE GSE
A division of
KG MANUFACTURING LLC.
Model # 013-BOE-87-FIXED
SERVICE STAND



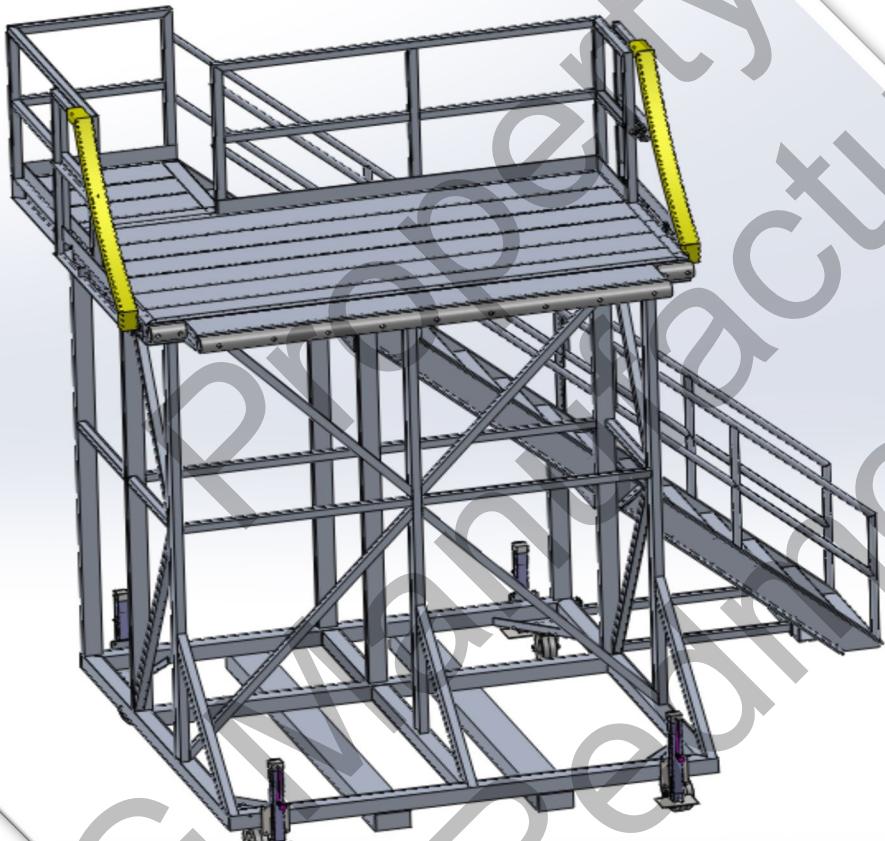
- 1000 Lb. Deck Capacity, plus 1000lb in area indicated for door jack.
- All Aluminum Construction.
- Grip Strut Aluminum steps without kick plate.
- 1/8 Aluminum punch plate deck mat.
- Fixed Guard rail on deck.
- Open handrail construction.
- Stainless Steel Hardware
- 4 Leveling/Stabilizing Jacks
- 4 Heavy Duty Polyurethane on Aluminum Casters.
- Non-marking Santoprene front bumper.
- Polyurethane pad at rail contact points with plane.

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
013-BOE-87-FIXED	787	Fixed at 7'4"	10' x 14'



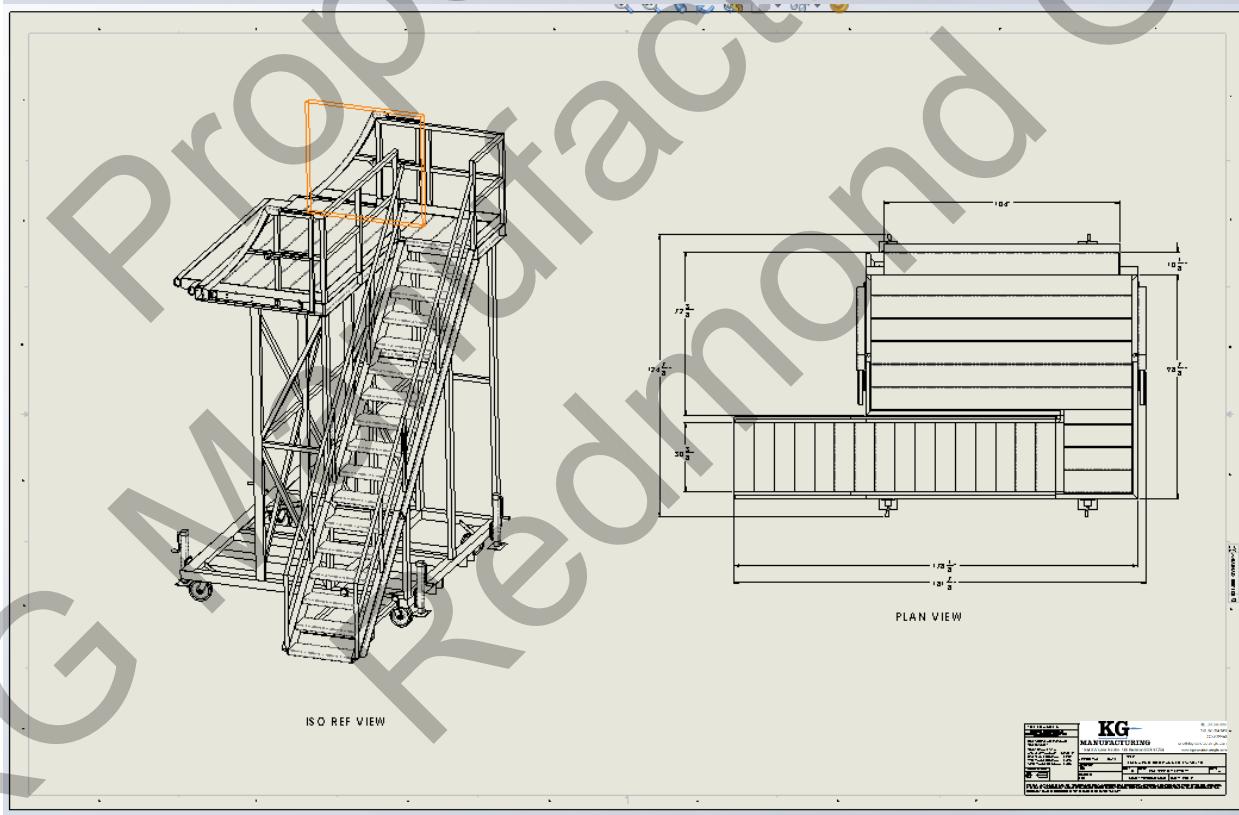
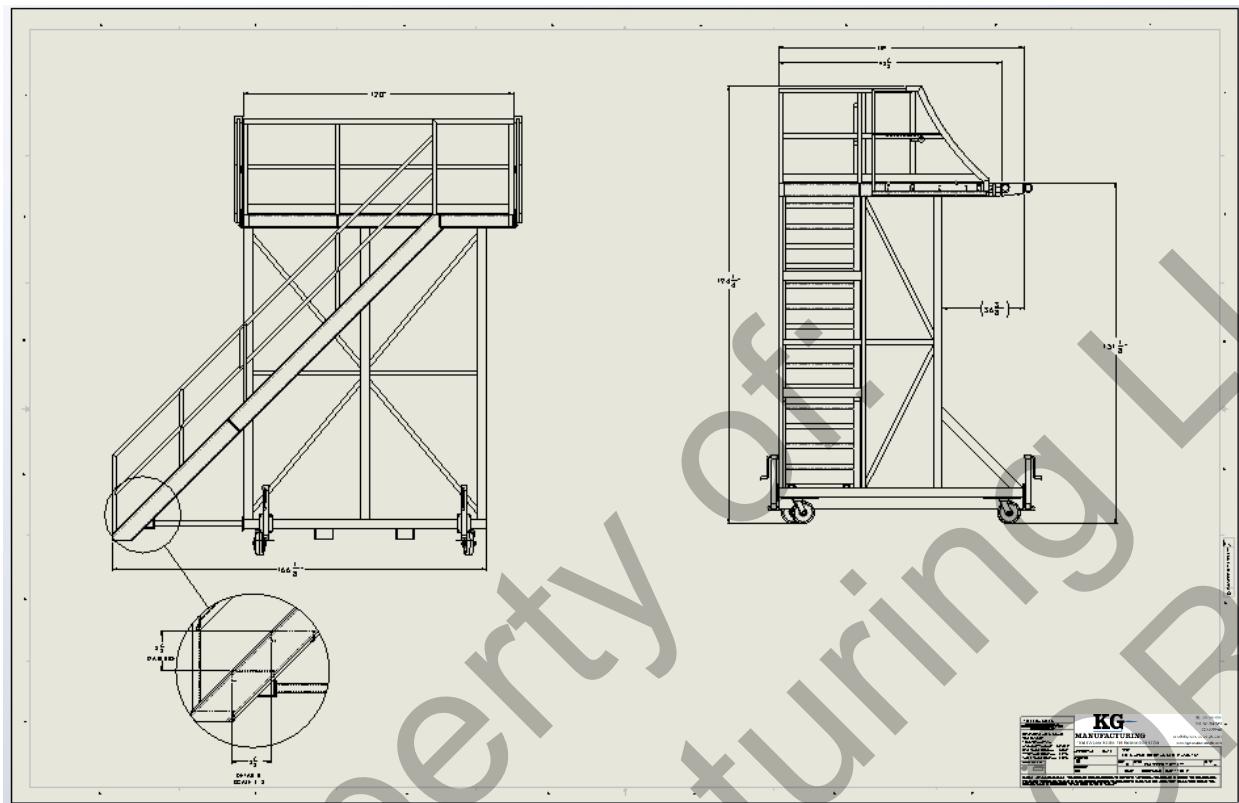


CASCADE GSE
A division of
KG MANUFACTURING LLC.
Model # 013-BOE-151-FIXED
SERVICE STAND



- 1000 Lb. Deck Capacity.
- All Aluminum Construction.
- Grip Strut Aluminum steps without kick plate.
- 1/8 Aluminum punch plate deck mat.
- Fixed Guard rail on deck.
- Open handrail construction.
- Stainless Steel Hardware
- 4 Leveling/Stabilizing Jacks
- 4 Heavy Duty Polyurethane on Aluminum Casters.
- Non-marking Santoprene front bumper.
- Polyurethane pad at rail contact points with plane.

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
013-BOE-151-FIXED	787	Fixed at 12'7"	10' x 6'

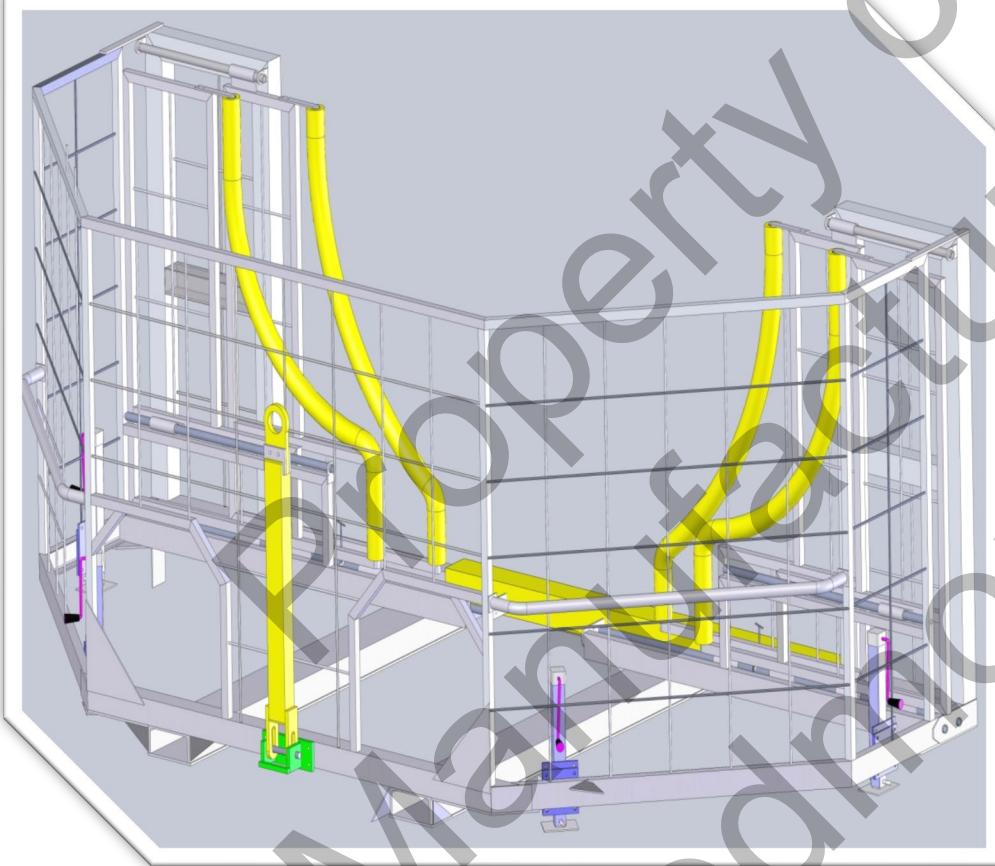


CASCADE GSE

A division of

KG MANUFACTURING LLC.

Model # Engine Run Screen



**MODEL
NUMBER**

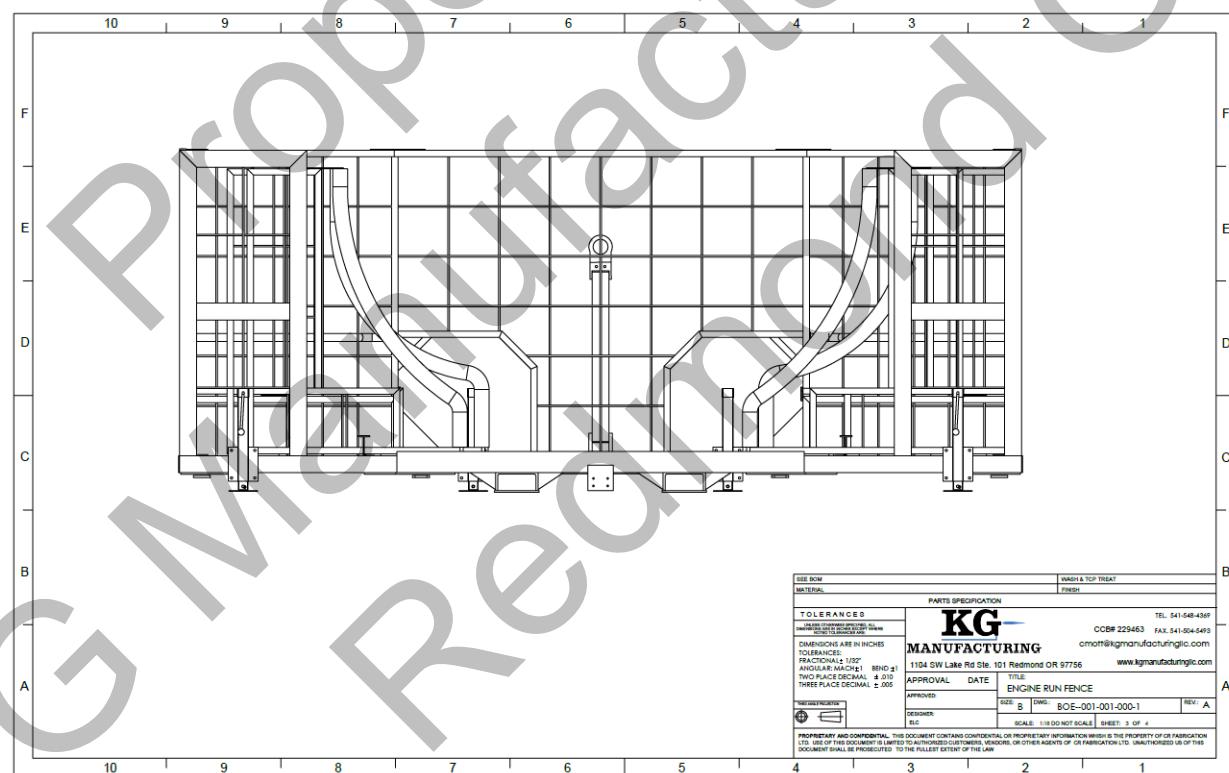
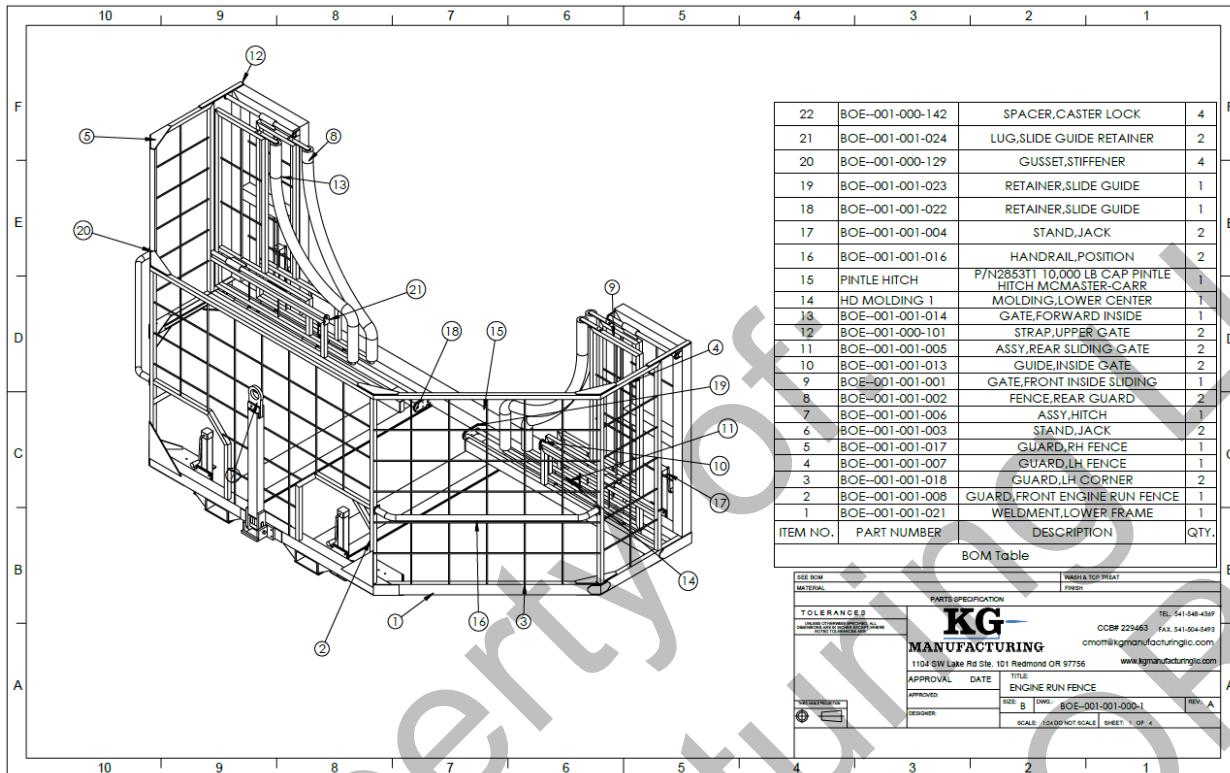
Engine Run Screen

**TYPICAL
AIRCRAFT**

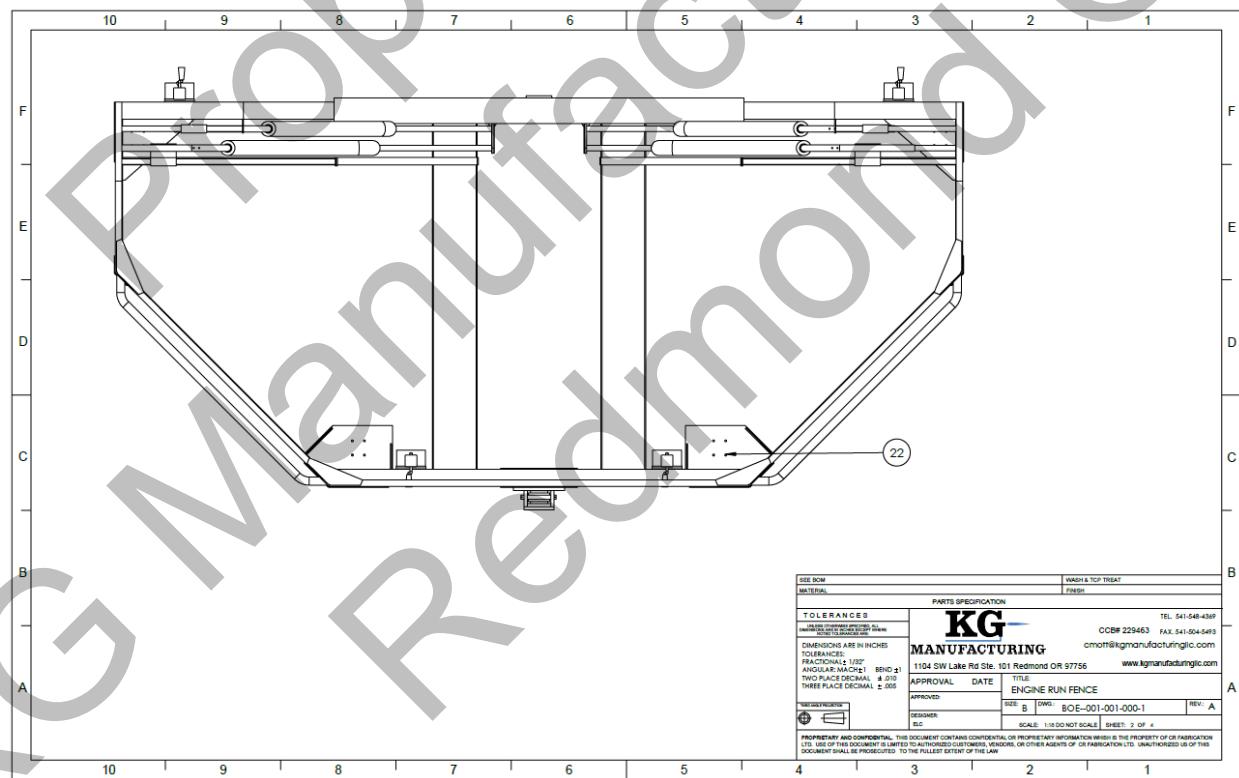
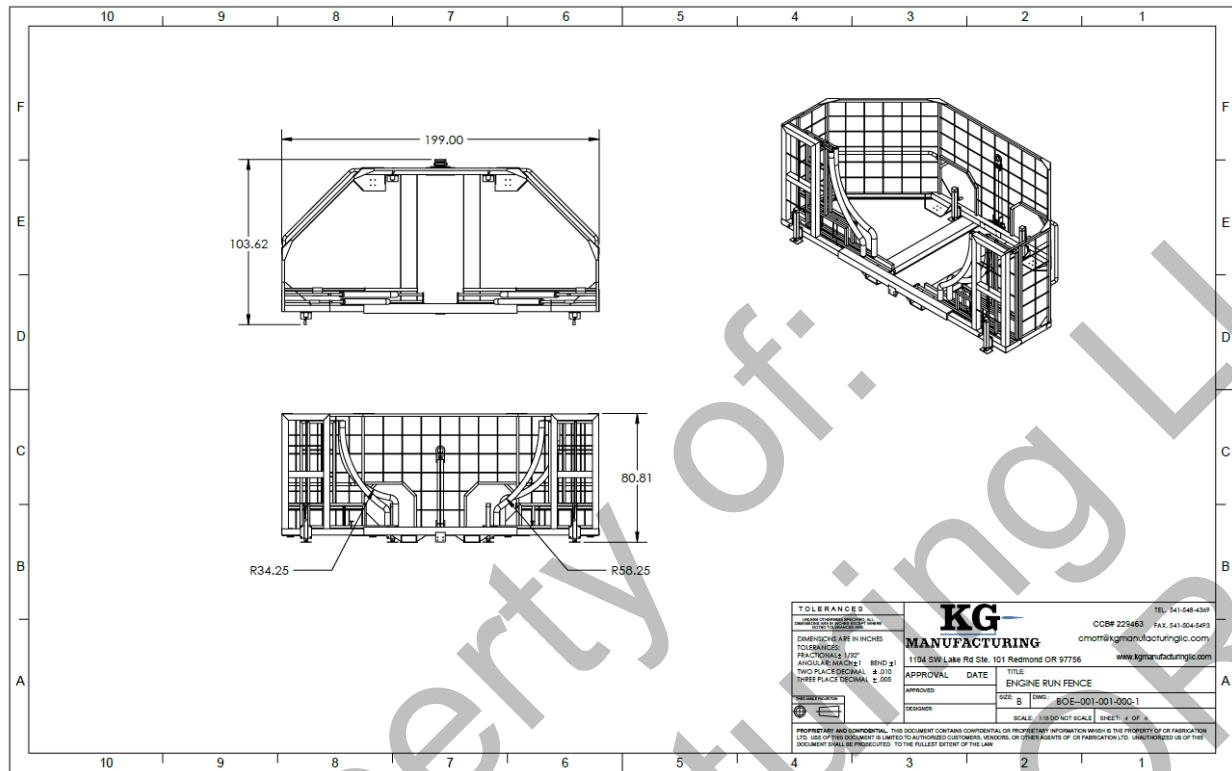
737, 757, 767, 787 AWACS

- All Aluminum Construction
- Dual Sliding Gates to accommodate Inboard and Outboard Engines
- Non Marking Padding
- Locking Swivel Casters
- 4-7000 Lb. Jacks to Adjust Height
- Tow Bar
- Total Weight

BOEING PROPRIETARY STAND



BOEING PROPRIETARY STAND



BOEING PROPRIETARY STAND

BOEING PROPRIETARY STAND



CASCADE GSE

A division of

KG MANUFACTURING LLC.

Model # 015-BOE-737MAX-ERF



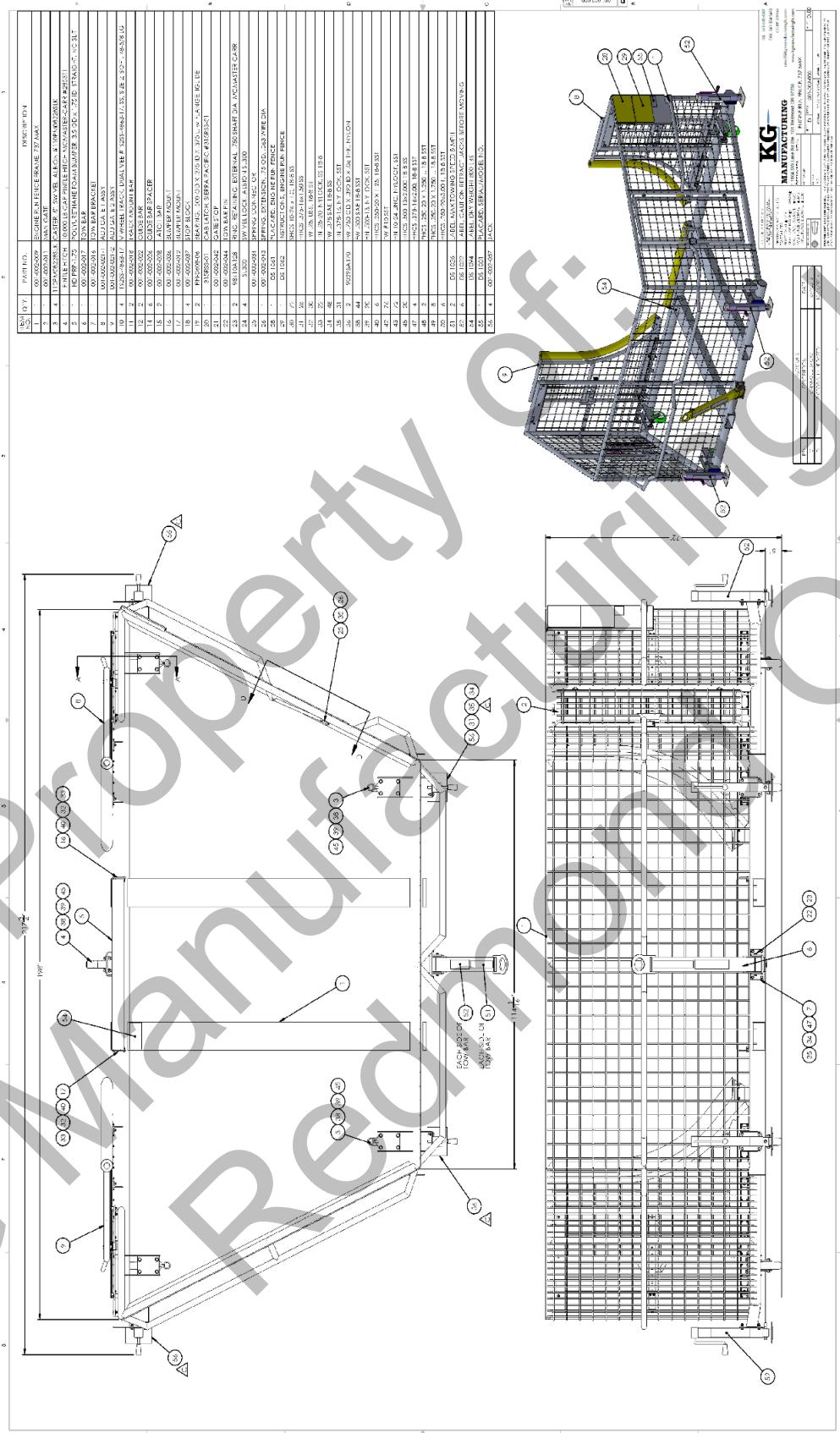
- All Aluminum Construction
- All hardware is Stainless Steel
- 4" Screen Openings
- Sliding Gates to accommodate 737 MAX Engines
- Polyurethane foam bumper on all possible airplane contacts
- Locking Swivel Aluminum Casters with heavy duty polyurethane on all four corners
- 4 Hold Down Jacks
- Tow Bar
- Fork Pockets
- Grab Handles to move units
- Self closing man gates to access interior of unit when in use

**MODEL
NUMBER**

Model #015-BOE-737MAX-ERF

**TYPICAL
AIRCRAFT**

737 MAX Engine



CASCADE GSE

A division of

KG MANUFACTURING LLC.

Model # Rail Car Scaffold



- All Aluminum Construction
- I Beam tread on platform.
- Grip Strut Stair Tread
- All Stainless-Steel Hardware
- 4 Swivel Casters with Wheel Locks.
- Stand Platform 60" above ground level.
- Guard Rail on one side.
- Guard Rail on Stairs.

**MODEL
NUMBER**

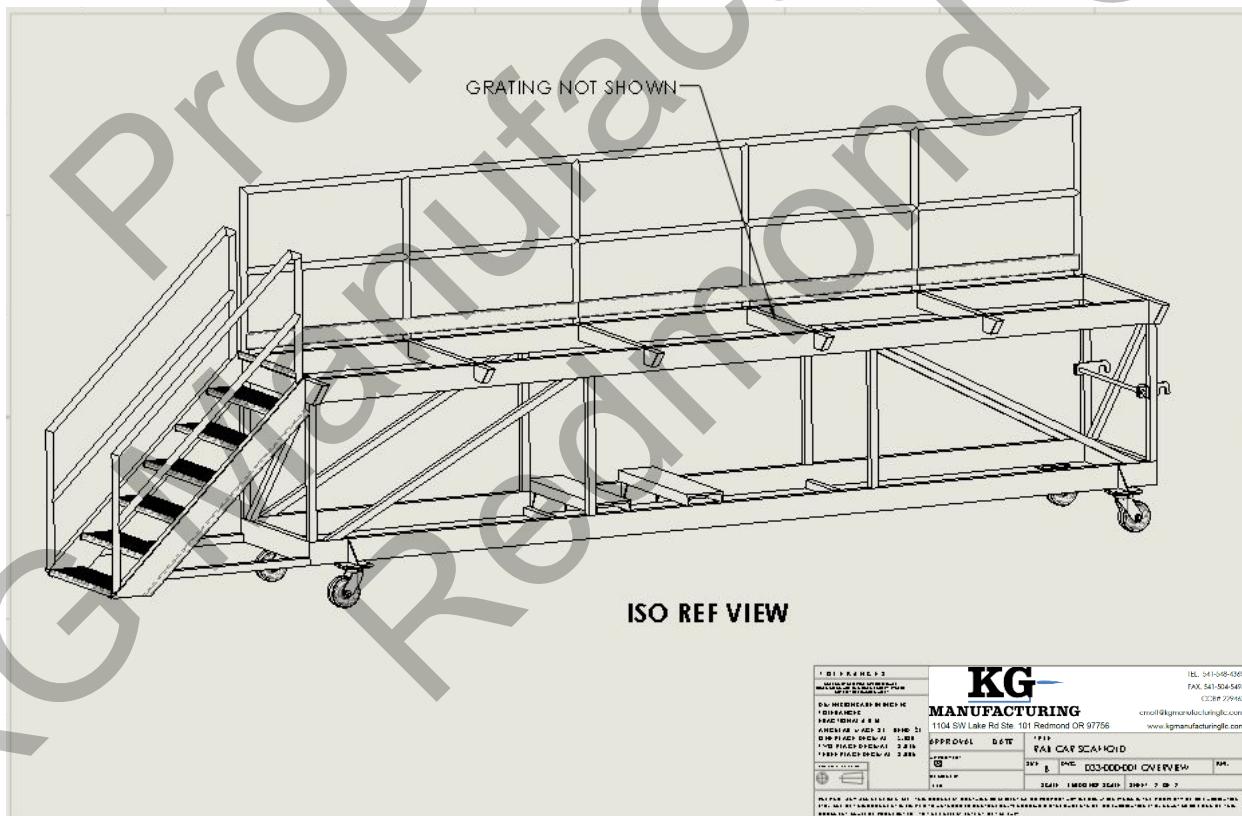
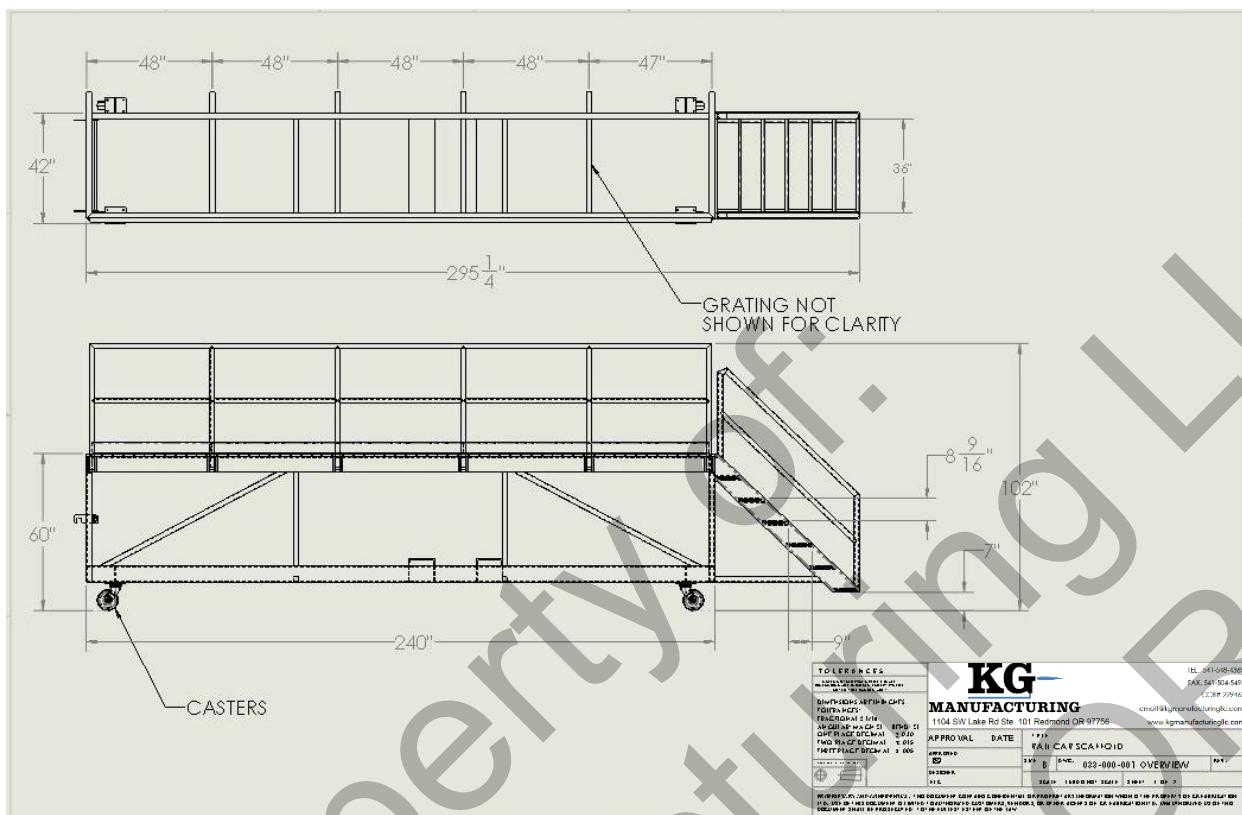
Rail Car Scaffold

**PLATFORM
HEIGHT**

5'

**PLATFORM
SIZE**

4'4" X 20'



CASCADE GSE

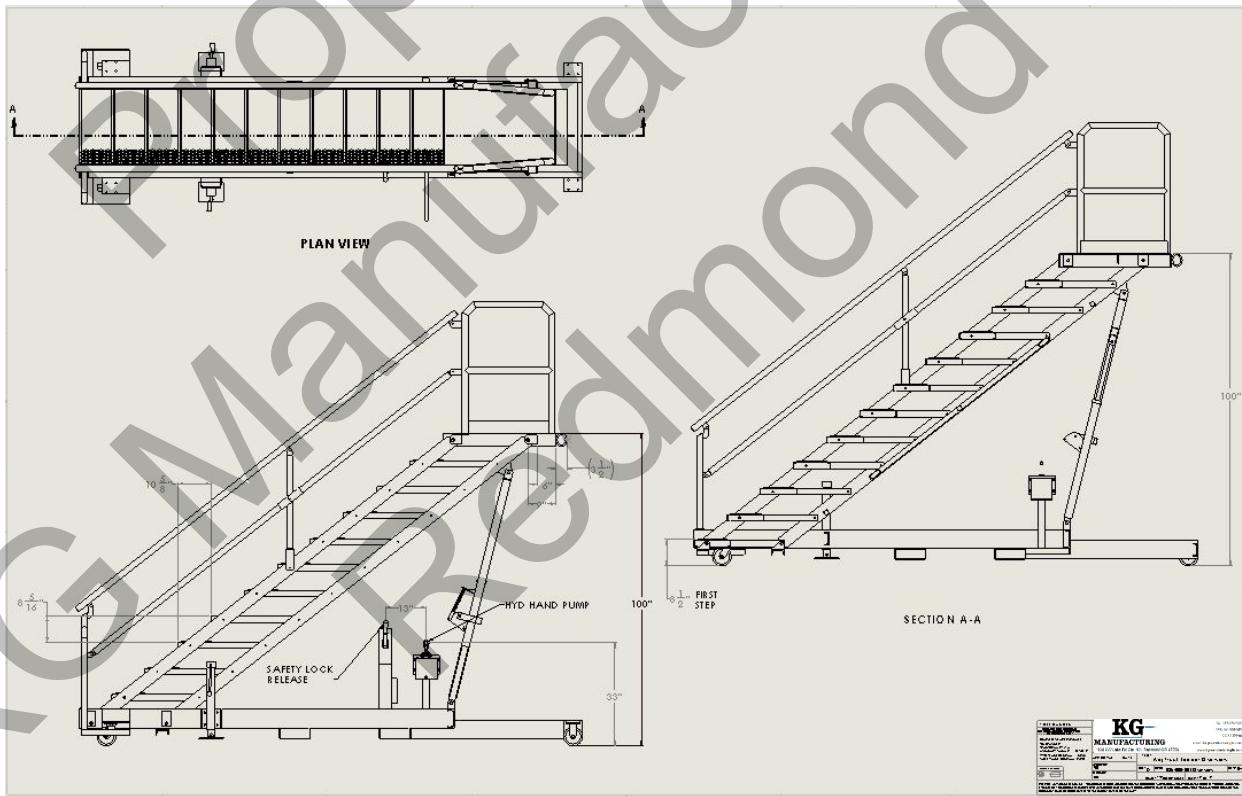
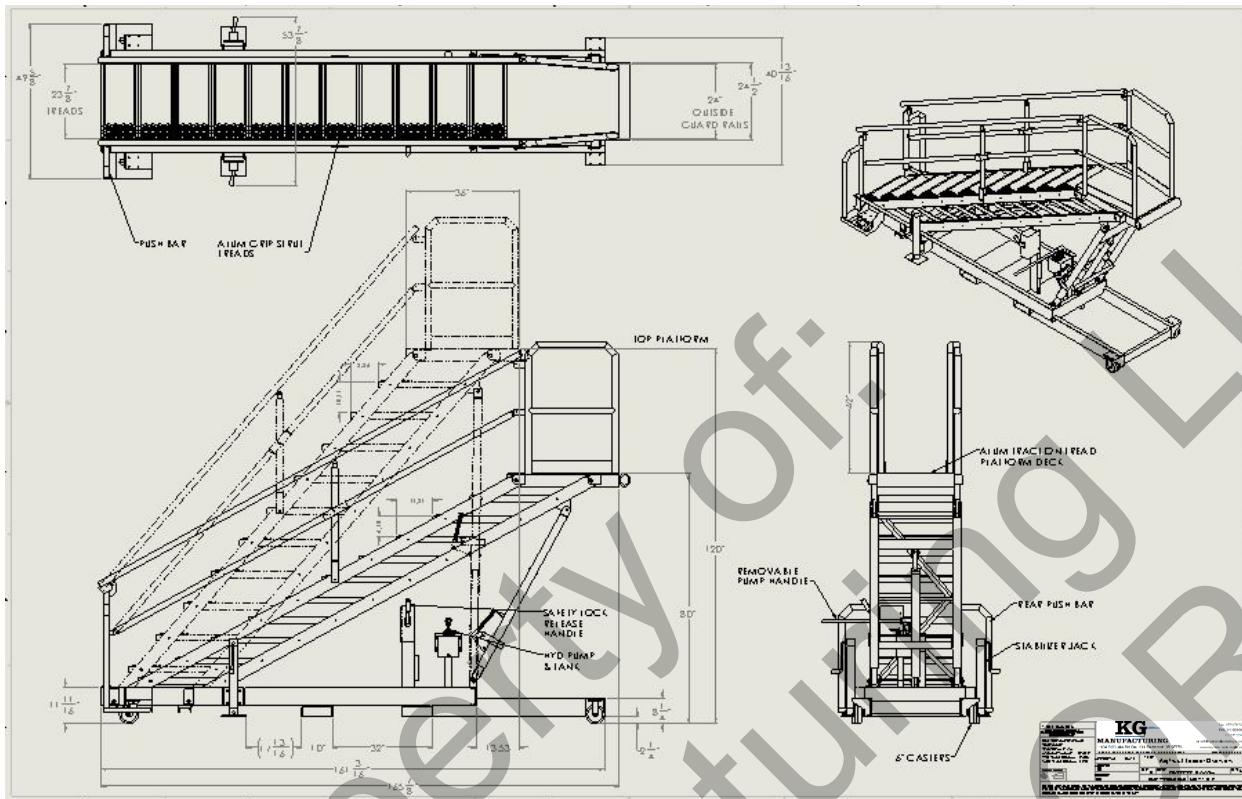
A division of
KG MANUFACTURING LLC.

**Model # GSE-BOE-6.7-10-HYDRO
ADJUSTABLE TRUCK LADDER**



- All Aluminum Construction
- Finish is Raw Aluminum
- 2 Leveling/Stabilizing Jacks
- Upper Hand Rail Width 24".
- 2 6" Swivel Casters
- 2 6" Fixed Casters
- Hand pump hydraulic system
- 2 Safety Locks
- 2 Down Locks

MODEL NUMBER	TYPICAL AIRCRAFT	PLATFORM HEIGHT	PLATFORM SIZE
GSE-BOE-6.7-10-HYDRO		6'8" to 10'	3' X 2'





CASCADE GSE
A division of
KG MANUFACTURING LLC.

Model # 757-Sensor Wing Stand-Left
Model # 757-Sensor Wing Stand-Right



BOEING PROPRIETARY STAND



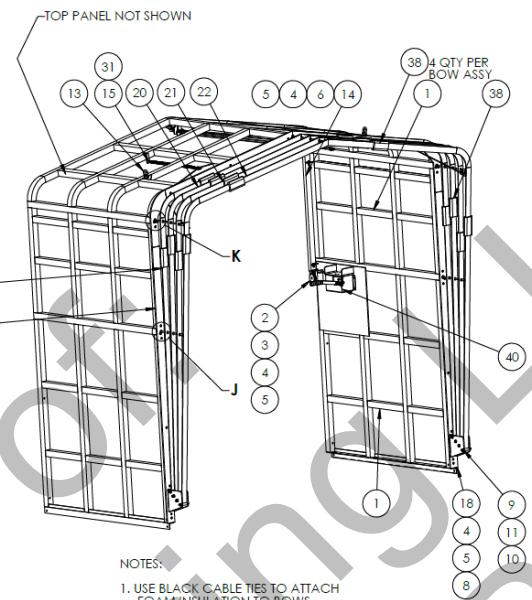
BOEING PROPRIETARY STAND

787 WEATHER ENCLOSURE PART NO: 022-001-003

PHOTOS COMING IN NEAR FUTURE

KTG Manufacuring LLC
Property of:
Redmond OR

ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	LENGTH
1	1	022-002-040	CANOPY WELDMENT, 787 STAND	
2	6	3074T11	PULLEY ASSEMBLY, 2.00 OD X .25 WIRE ROPE, 4 HOLE MTG	
3	28	FHCS .250-20 X 1,000 L	WIRE ROPE, 4 HOLE MTG	
4	48	FW .250 USS SS		
5	71	HNN .25-20 NYLOCK, SS 18-8		
6	2	HHCS .250-20x1.00	18-8 SST	
7	8	HHCS .250-20 X 1.25	18-8 SST	
8	20	FHCS .250-20 X 3.00 L	18-8 SST	
9	16	FW .375 SAE 18-8 SST		
10	8	HNN .375-16 NYLOCK, SST		
11	8	HHCS .375-1.6x.50	18-8 SST	
12	2	3087T41	PULLEY ASSEMBLY, 2.00 OD X .25 WIRE ROPE, 2 HOLE MTG	
13	2	3145T220	LIFTING EYE	
14	1	022-002-006	TUBE ASSEMBLY, CABLE GUIDE, 787	
15	9	SSA-70-1	SPRING ANCHOR, .250-20 UNC X 1.250 OAL, CENT SPRING	
16	2	3213T70	PULLEY, HANGING, Stainless Steel, 1.25 PULLEY DIA, SWIVEL MOUNT	
17	1	CRF-BCE-004-008-012	PLATE STOP	
18	1	CRF-BCE-022-003-000	FLANGE ASSEMBLY, CANOPY, 787 STAND	
19	1	022-002-018	BOW #4, 787 STAND	
20	1	022-002-017	BOW #3, 787 STAND	
21	1	022-002-016	BOW #2, 787 STAND	
22	1	022-002-015	BOW #1, 787 STAND	
23	5	lgnd RF-0810-08	FLG RUSHING .425OD x .50 ID x 1.00 LG W FLANGE	
24	1	022-002-019-124	CABLE ASSEMBLY, SIDE, 787 CANOPY	
25	1	022-002-019-124	CABLE ASSEMBLY, SIDE, 787 CANOPY	
26	1	022-002-019	CENTER CABLE, 787 CANOPY	
27	1	022-002-027	CABLE ASSEMBLY, WINCH, 787 CANOPY	
28	2	022-002-021	ROD ASSEMBLY, SPRING, LOWER, 787 STAND	
29	2	022-002-029	SPRING, EXTENSION, TOP, SIDE, 787 CANOPY	
30	1	022-002-021	ROD ASSEMBLY, SPRING, LOWER, 787 STAND	
31	2	022-002-030	SPRING, EXTENSION, TOP, SIDE, 787 CANOPY	
32	2	022-002-031	SPRING, EXTENSION, TOP, SIDE, 787 CANOPY	
33	5	022-002-022	ROD ASSEMBLY, SPRING, LOWER, 787 STAND	
34	2	022-002-032	SPRING, LOWER, SIDE, 787 STAND	
35	1	022-002-004	SHETING, TOP	
36	1	022-002-033	SPRING, EXTENSION, TOP, CENTER, 787 CANOPY	
37	1	787-CBN 3 TARP	TARP ASSEMBLY, 787 CANOPY	
38	16	MCM 446X127	FOAM INSULATION, 1.38 ID X .38 THK X 6 FT LONG, BLACK	
39	1	D900A	Winches	
40	1	99-2001	GUARD, WINCH	
41	1	99-0165	SPACER, BRAKE, WINCH	
42	2	SHT, 3105 ALUM, BRIGHT WHITE 2 SIDES, VINYL 2 SIDES, .040 X 59.500	\$9,040	



NOTES:

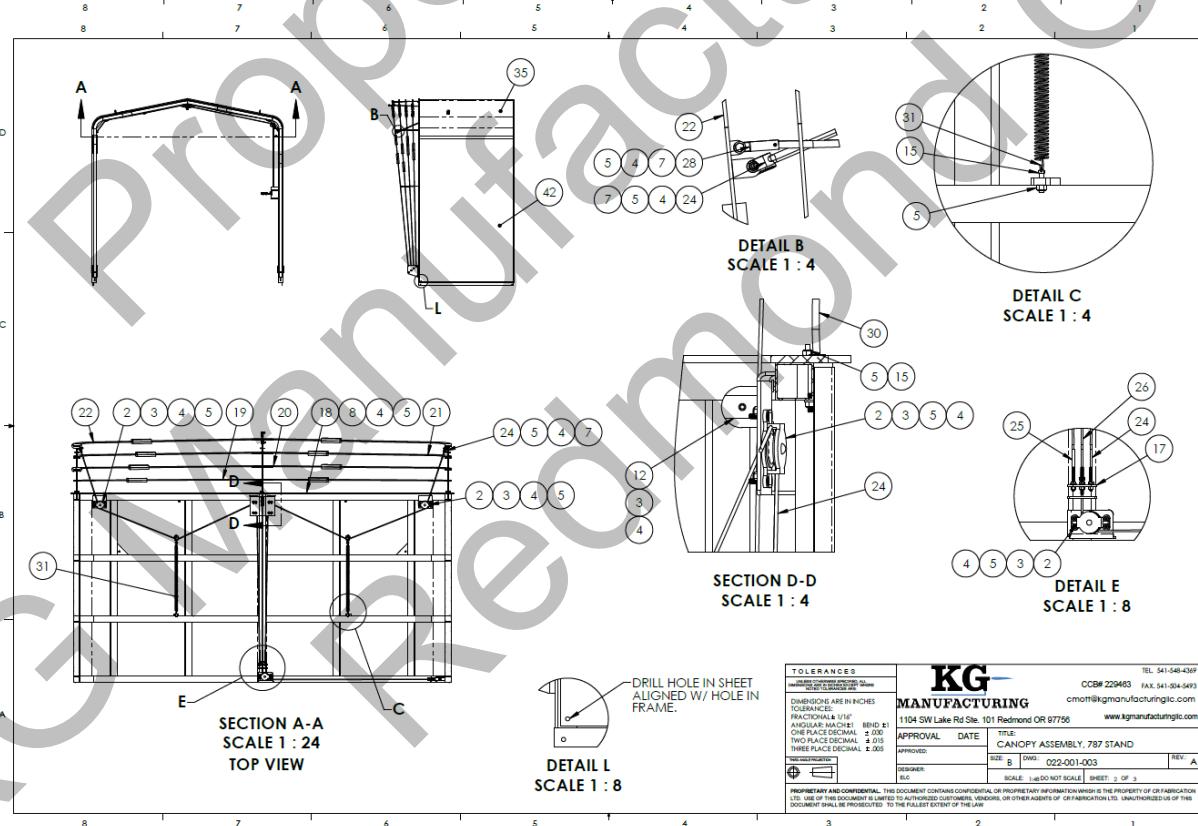
1. USE BLACK CABLE TIES TO ATTACH FOAM INSULATION TO BOWS.

TOLERANCES		CCB# 220463	TEL. 541-549-4369
INTERFERENCE FITS		FAX. 541-549-4493	cmt@kgmanufacturinglc.com
DIMENSIONS ARE IN INCHES		1104 SW Lake Rd Ste. 101 Redmond OR 97756	www.kgmanufacturinglc.com
TOLERANCES		APPROVAL DATE	A
ROUND TO 1/16"		RELEASER	
ANGULAR MACHINING		DESIGNER	
ONE PLACE DECIMAL		DATE	
TWO PLACE DECIMAL		NUMBER	
THREE PLACE DECIMAL		SCALE	

KG
MANUFACTURING

1104 SW Lake Rd Ste. 101 Redmond OR 97756
TITLE: CANOPY ASSEMBLY, 787 STAND
REV: A
SHEET: 1 OF 3
DRAWN BY: B DATE: 022-001-003
DESIGNER: B
SCALE: 1=1 DO NOT SCALE SHEET: 1 OF 3

PROPRIETARY AND CONFIDENTIAL. THIS DOCUMENT CONTAINS CONFIDENTIAL OR PROPRIETARY INFORMATION WHICH IS THE PROPERTY OF CR FABRICATION LLC. THIS DOCUMENT IS LIMITED TO THE USE OF THE ADDRESSED CUSTOMER, VENDOR, OR OTHER AGENTS OF CR FABRICATION LLC. UNAUTHORIZED USE OF THIS DOCUMENT SHALL BE PROSECUTED TO THE FULLEST EXTENT OF THE LAW.

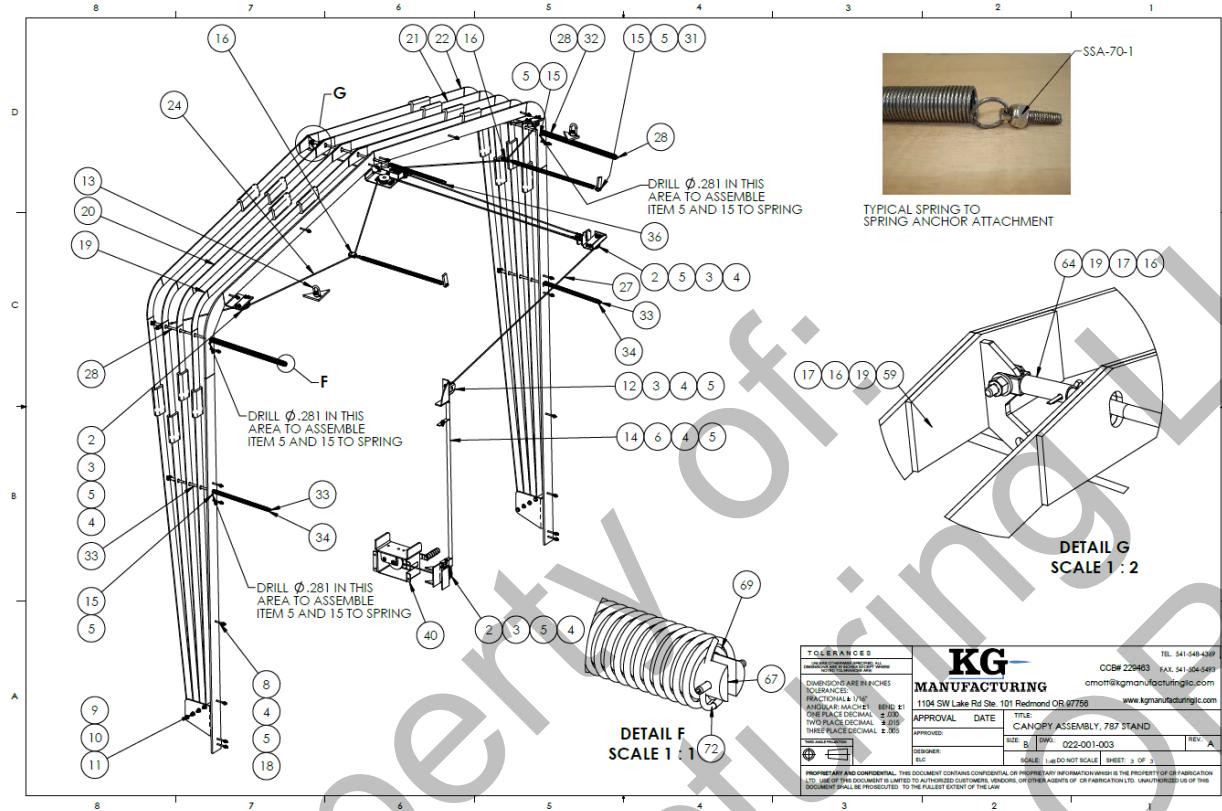


TOLERANCES		CCB# 220463	TEL. 541-549-4369
INTERFERENCE FITS		FAX. 541-549-4493	cmt@kgmanufacturinglc.com
DIMENSIONS ARE IN INCHES		1104 SW Lake Rd Ste. 101 Redmond OR 97756	www.kgmanufacturinglc.com
TOLERANCES		APPROVAL DATE	A
ROUND TO 1/16"		RELEASER	
ANGULAR MACHINING		DESIGNER	
ONE PLACE DECIMAL		DATE	
TWO PLACE DECIMAL		NUMBER	
THREE PLACE DECIMAL		SCALE	

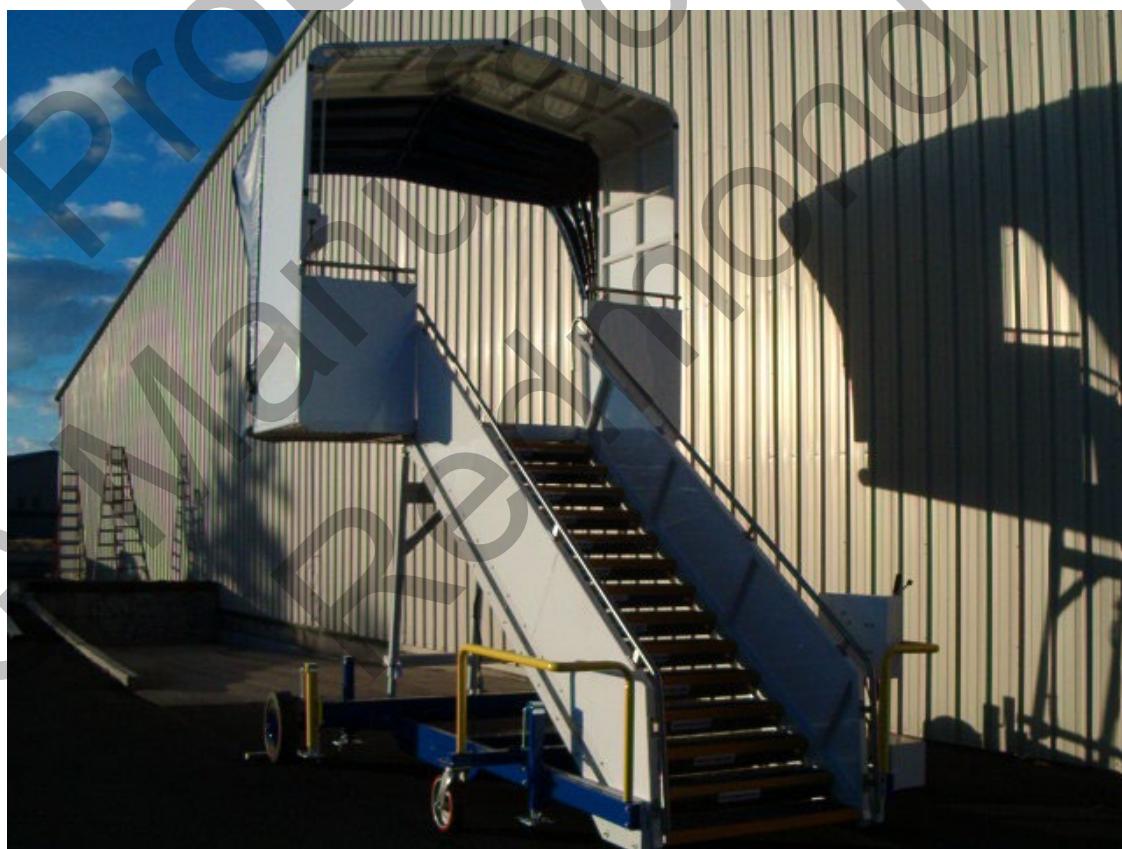
KG
MANUFACTURING

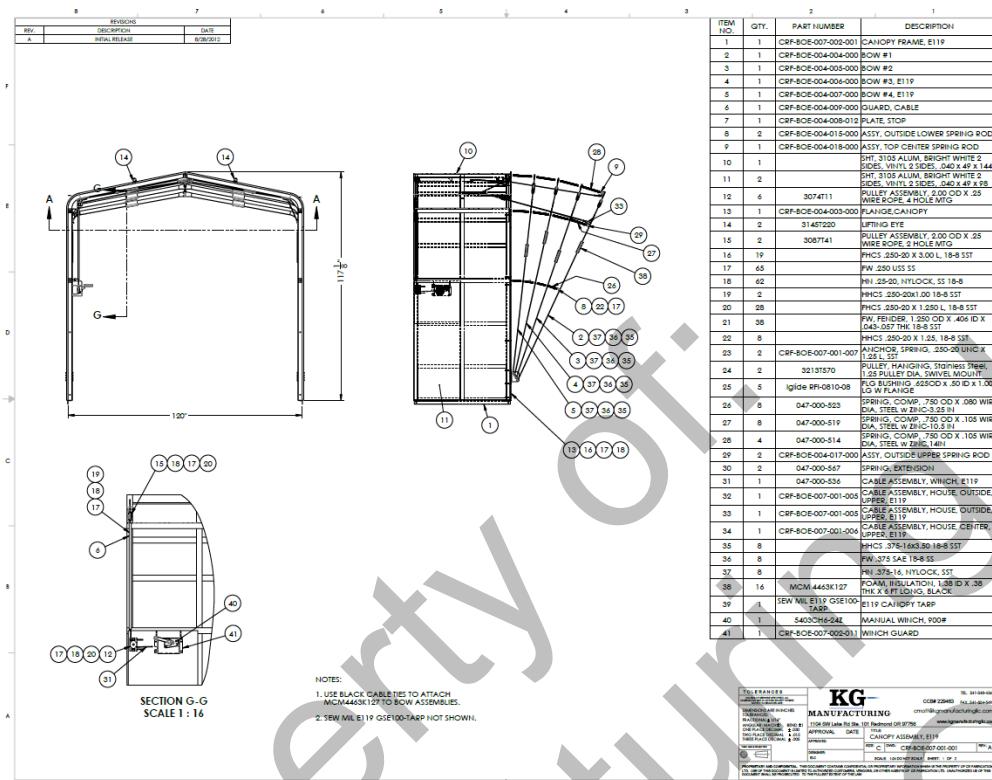
1104 SW Lake Rd Ste. 101 Redmond OR 97756
TITLE: CANOPY ASSEMBLY, 787 STAND
REV: A
SHEET: 2 OF 3
DRAWN BY: B DATE: 022-001-003
DESIGNER: B
SCALE: 1=1 DO NOT SCALE SHEET: 2 OF 3

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E119 WEATHER ENCLOSURE PART NO: CRF-BOE-007-001-001





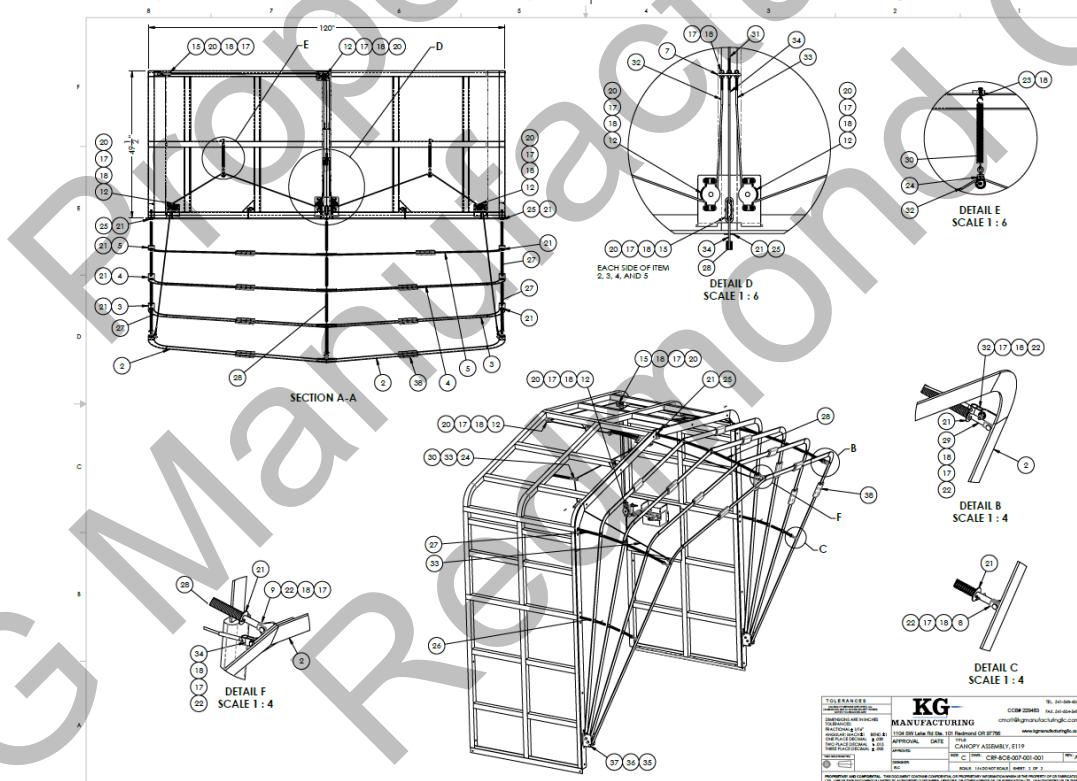
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION
1	1	CRF-B0E-007-000-001	CANOPY FRAME, E119
2	1	CRF-B0E-004-004-000	BOW #1
3	1	CRF-B0E-004-003-000	BOW #2
4	1	CRF-B0E-004-002-000	BOW #3, E119
5	1	CRF-B0E-004-007-000	BOW #4, E119
6	1	CRF-B0E-004-009-000	GUARD, CAB
7	1	CRF-B0E-004-008-010	PLATE, STOP
8	2	CRF-B0E-004-015-000	ASST. OUTSIDE LOWER SPRING ROD
9	1	CRF-B0E-004-018-000	ASST. TOP CENTER LOWER SPRING ROD
10	1	CRF-B0E-004-019-000	SHROUD, VINYL, 3/8 IN. DIA X 4 FT X 1.144
11	2	30447411	GHT, 3105 ALUM, BRIGHT WHITE 2 HOLE, 1.250 ID X .250 OD X .250
12	6	30447411	PULLEY ASSEMBLY, 2.00 OD X .250 ID X .250
13	1	CRF-B0E-004-003-000	RAIL, CANOPY
14	2	31445120	LIFTING EYE
15	2	3087741	PULLEY ASSEMBLY, 2.00 OD X .250 WIRE CORE, 2 HOLE MTG
16	2	PHC-320-10	PHC-320-10, 1.250 ID X .250 OD X .250
17	44	PHC-320-10	PHC-320-10, 1.250 ID X .250 OD X .250
18	42	PHC-320-10	PHC-320-10, 1.250 ID X .250 OD X .250
19	2	PHC1-220-20X1.00	PHC1-220-20X1.00 L.16-8 SST
20	28	PHC1-220-20X1.00	PHC1-220-20X1.00 L.16-8 SST
21	35	FHW-F100-1.250	FHW-F100-1.250 X .406 ID X .445 OD X .500 L.16-8 SST
22	8	FHW-F100-1.250	FHW-F100-1.250 X .406 ID X .445 OD X .500 L.16-8 SST
23	2	CRF-B0E-007-001-000	ANCHOR, SPRING, 2.250 OD X .250 ID X .125 LT. SST
24	2	32137570	SWIVEL, SWIVEL MOUNT, 1.25 SWIVEL, STAINLESS STEEL
25	5	iglide PRO-10108	IGLIDE PRO-10108, 42500 X .50 ID X 1.00
26	5	047-2000-533	SPRING, COMB, .750 OD X .080 WIRE, 1.00 ID X .080
27	8	047-2000-519	SPRING, COMB, .750 OD X .105 WIRE, 1.00 ID X .105
28	4	047-2000-514	SPRING, COMB, .750 OD X .105 WIRE, 1.00 ID X .105
29	2	CRF-B0E-004-017-000	ASST. OUTSIDE UPPER SPRING ROD
30	2	047-2000-567	SPRING, EXTERIOR, WIRE, E119
31	1	047-2000-536	CABINET, CANOPY, WIRE, E119
32	1	CRF-B0E-007-001-000	CABLE ASSEMBLY, HOUSE, OUTSIDE, UPPER, E119
33	1	CRF-B0E-007-001-000	CABLE ASSEMBLY, HOUSE, OUTSIDE, LOWER, E119
34	1	CRF-B0E-007-001-000	CABLE ASSEMBLY, HOUSE, CENTER, E119
35	8	PHC1-375-1.00X.30	PHC1-375-1.00X.30 L.16-8 SST
36	8	FHW-375 SAE 1.00-8 SS	FHW-375 SAE 1.00-8 SS
37	8	FHW-375-1.00, NYLOC, SST	FHW-375-1.00, NYLOC, SST
38	16	MCM-4443K10	FOAM INSULATION, 1.00 ID X .38 OD X .500 L.16-8 SST
39	1	SEW MIL-E119 GS100	E119 CANOPY TARP
40	1	5402008-24L	MANUAL WINCH, P00#
41	1	CRF-B0E-002-002-001	WINCH GUARD

KG MANUFACTURING

MANUFACTURED IN THE USA
1105 Bell Lake Rd., 120 Fremont, OH 44033
PHONE: 419-836-2000 FAX: 419-836-2001
E-MAIL: info@kgmanufacturing.com
WEB: www.kgmanufacturing.com

Re. Job Order No.: CRF-B0E-007-001-000
Date: 08/20/06
Customer: CANOPY ASSEMBLY, E119
Part No.: CRF-B0E-007-001-000
Rev.: A
Approval Date: 08/20/06
Comments: None

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KG MANUFACTURING

MANUFACTURED IN THE USA
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Re. Job Order No.: CRF-B0E-007-001-000
Date: 08/20/06
Customer: CANOPY ASSEMBLY, E119
Part No.: CRF-B0E-007-001-000
Rev.: A
Approval Date: 08/20/06
Comments: None

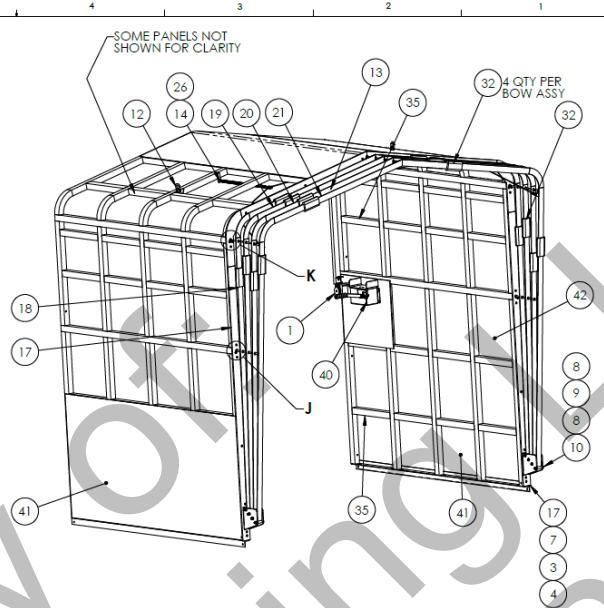
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747 PAX EXTENDED WEATHER ENCLOSURE PART NO: 99-0554

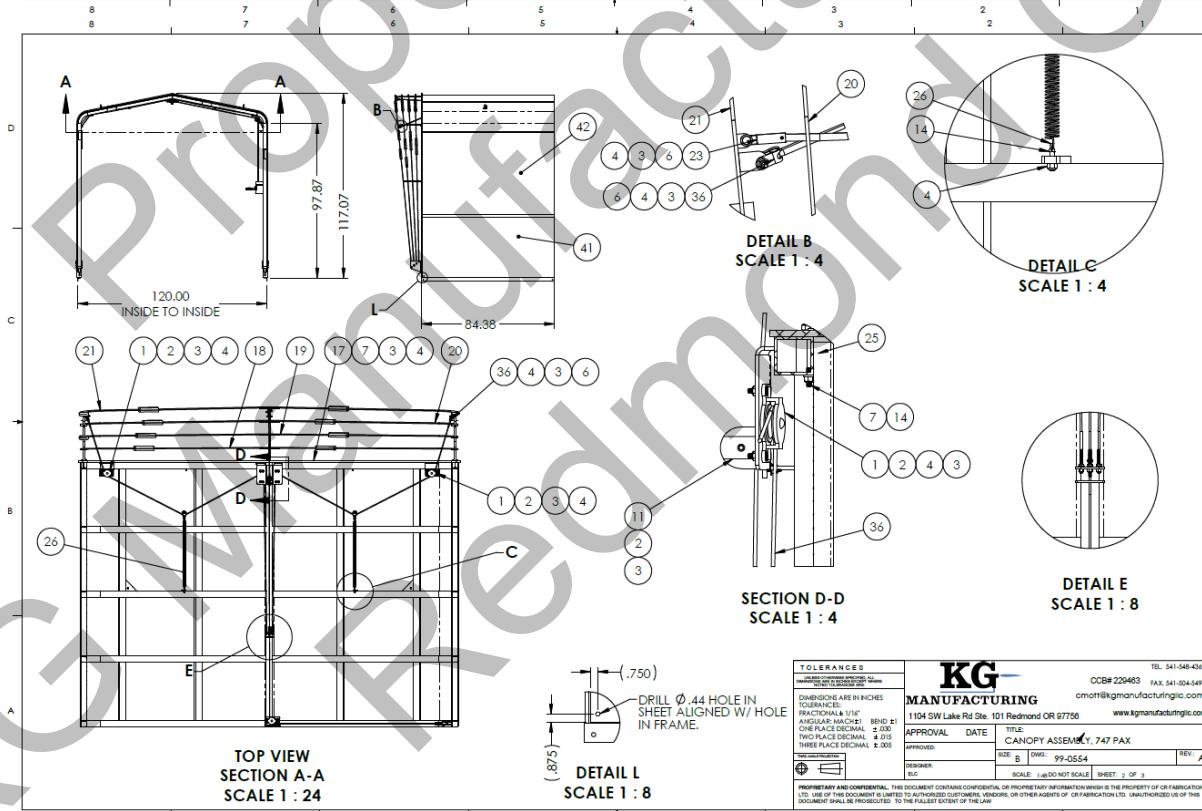
PHOTOS COMING IN NEAR FUTURE

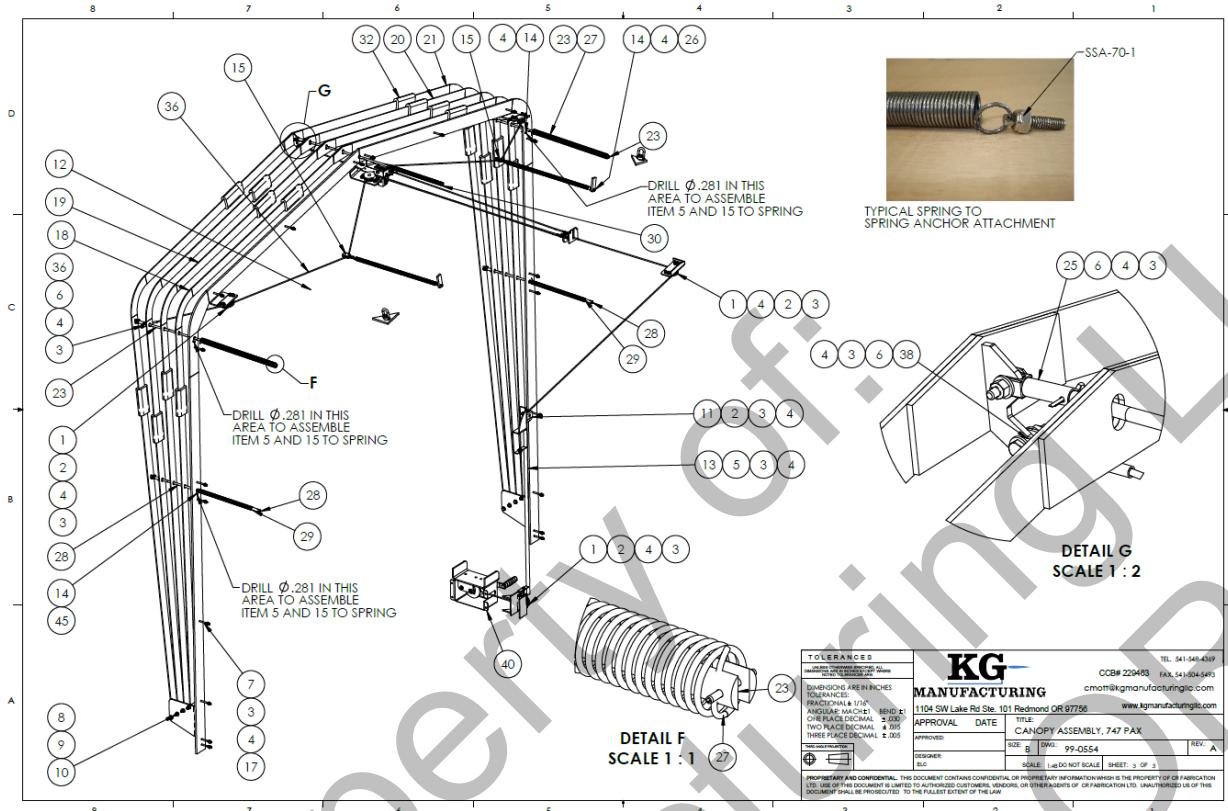
KTG Manufacturing LLC
Property of:
KG Manufacturing LLC
Redmond, OR

ITEM	QTY.	PART NUMBER	DESCRIPTION	LENGTH
1	6	3074711	PULLEY ASSEMBLY, .20 OD X .25 WIRE ROPE, 4 HOLE MTG	
2	28		PHCS .250-.20 X 1.000 L 18-8 SST	
3	68		PW .080 USS SS	
4	69		MH .25-20 NYLOC, SS 18-8	
5	2		PHCS .250-.20 X 1.000 L 18-8 SST	
6	6		PHCS .250-.20 X 1.000 L 18-8 SST	
7	20		PHCS .250-.20 X 3.00 L 18-8 SST	
8	16		PW .375 SAE 18-8 SST	
9	8		MH .375-.16-.16X.50 18-8 SST	
10	8		PHCS .375-.16-.16X.50 18-8 SST	
11	2	3087741	PULLEY ASSEMBLY, .20 OD X .25 WIRE ROPE, 2 HOLE MTG	
12	2	3140240	UFRO	
13	1	022-002-004	TUBE ASSEMBLY, CABLE GUIDE, 787	
14	1	P 55A-70-1	SPRING ANCHOR, .250-.20 UNI X 1.250 OAL CENT SPRING	
15	2	3013570	PULLEY HANGING, Stainless steel, 1.25 PULLEY DIA, SWIVEL MOUNT	
16	1	CRP-B0E-004-008-010	PLATE STOP	
17	1	CRP-B0E-002-003-000	FLANGE ASSEMBLY, CANOPY, 787 STAND	
18	1	022-002-018	BOW #4, 787 STAND	
19	1	022-002-017	BOW #5, 787 STAND	
20	1	022-002-016	BOW #2, 787 STAND	
21	1	022-002-015	BOW #1, 787 STAND	
22	5	Igloos #P-010-008	FLG BUSHING, .625OD X .50 ID X 1.00 LG W FLANGE	
23	2	022-002-021 SIDE	ROD ASSEMBLY, SPRING, LOWER, SIDE, 787 STAND	
24	2	022-002-029	SPRING EXTENSION, TOP, SIDE, 787 CANOPY	
25	1	022-002-021 TOP	ROD ASSEMBLY, SPRING, LOWER, 787 STAND	
26	2	022-002-030	SPRING TENSION TAKE-UP, 787 CANOPY	
27	2	022-002-031	SPRING EXTENSION, TOP, SIDE, 787 CANOPY	
28	2	022-002-032	ROD ASSEMBLY, SPRING, LOWER, 787 STAND	
29	2	022-002-032	SPRING, LOWER, SIDE, 787 CANOPY	
30	1	022-002-033	SPRING EXTENSION, TOP, CENTER, 787 CANOPY	
31	1	787-G013 TABP	TARP ASSEMBLY, 787 CANOPY	
32	16	MCM 446X127	FOAM INSULATION, 1.38 ID X .38 THK X 6 FT LONG, BLACK	
33	1	DLS004	Winglets	
34	1	99-0145	SPACER, BRAKE, WHICH	
35	1	99-0145	SPACER, BRAKE, WHICH	
36	1	020-002-018-124	CABLE ASSEMBLY, SIDE, 747 PAX CANOPY	
37	1	022-002-018-124	CABLE ASSEMBLY, SIDE, 747 PAX CANOPY	
38	1	022-002-019	CENTER CABLE, 787 CANOPY	
39	1	022-002-061	CABLE ASSEMBLY, WHEEL, 747 PAX	
40	1	99-0001	GUARD, WHEEL	
41	2	99-0559	SHEET, BRIGHT WHITE 2 SIDES, VINYL, 2 SIDES, .040 THK X 40.00, 3105 ALUM	83.50
42	2	99-0560	SHEET, BRIGHT WHITE 2 SIDES, VINYL, 2 SIDES, .040 THK X 54.50, 3105 ALUM	83.50
43	2	99-0561	SHEET, BRIGHT WHITE 2 SIDES, VINYL, 2 SIDES, .040 THK X 48.43, 3105 ALUM	83.50
44	2	99-0562	SHEET, BRIGHT WHITE 2 SIDES, VINYL, 2 SIDES, .040 THK X 47.97, 3105 ALUM	83.50
45	2		MH .25-20 NYLOC, SS 18-8	

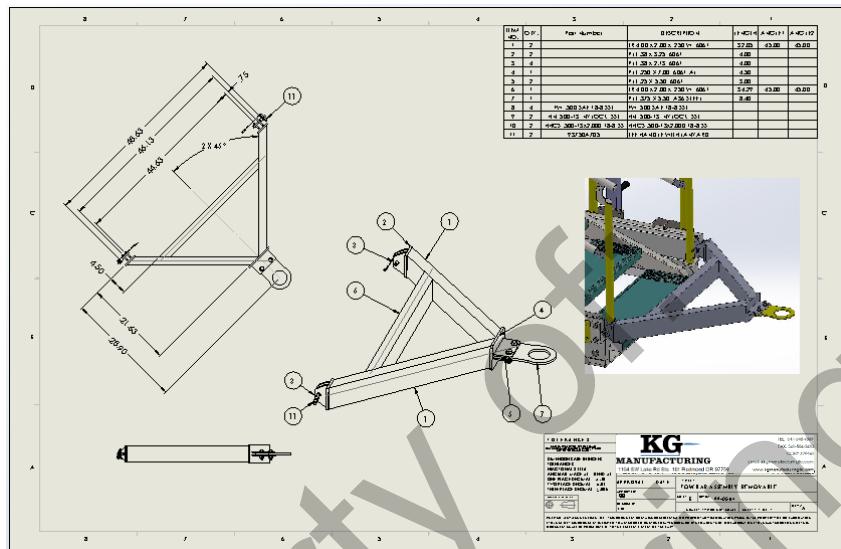


DETAIL J SCALE 1 : 4	DETAIL K SCALE 1 : 4
<p>DRILL Ø .281 IN THIS AREA TO ASSEMBLE ITEM 5 AND 15 TO SPRING</p> <p>DRILL Ø .281 IN THIS AREA TO ASSEMBLE ITEM 5 AND 15 TO SPRING</p>	
<p>TOLERANCES DIMENSIONS ARE IN INCHES TOLERANCES ARE IN INCHES FRACTIONAL 1/16" ONE PLACE DECIMAL □ .015 TWO PLACE DECIMAL □ .005 THREE PLACE DECIMAL □ .005</p>	
<p>APPROVAL DATE: </p> <p>RELEASER: </p> <p>REV: A</p>	
<p>TEL: 541-448-4369 CCB# 229463 FAX: 541-304-5493 cmom@kgmanufacturingllc.com www.kgmanufacturingllc.com</p>	

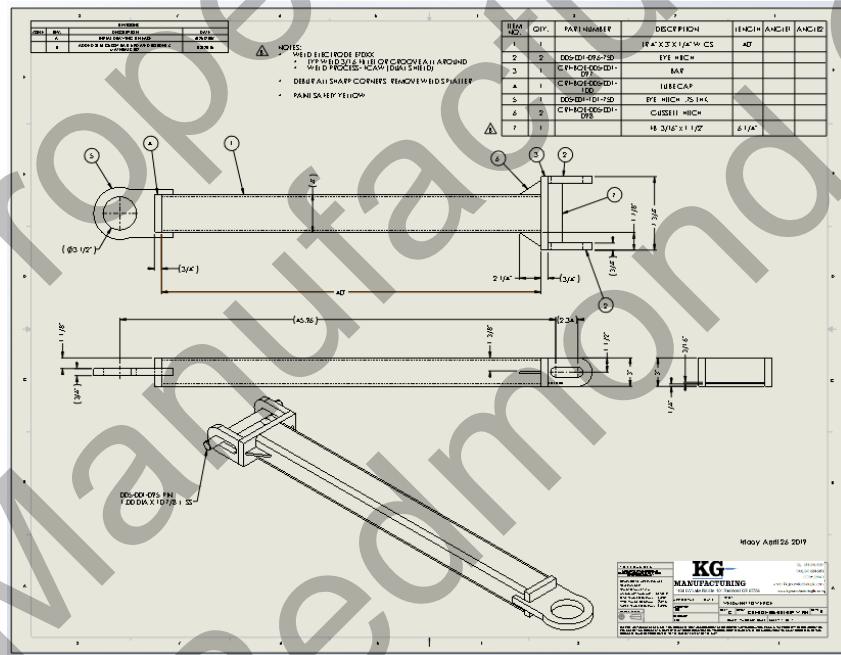




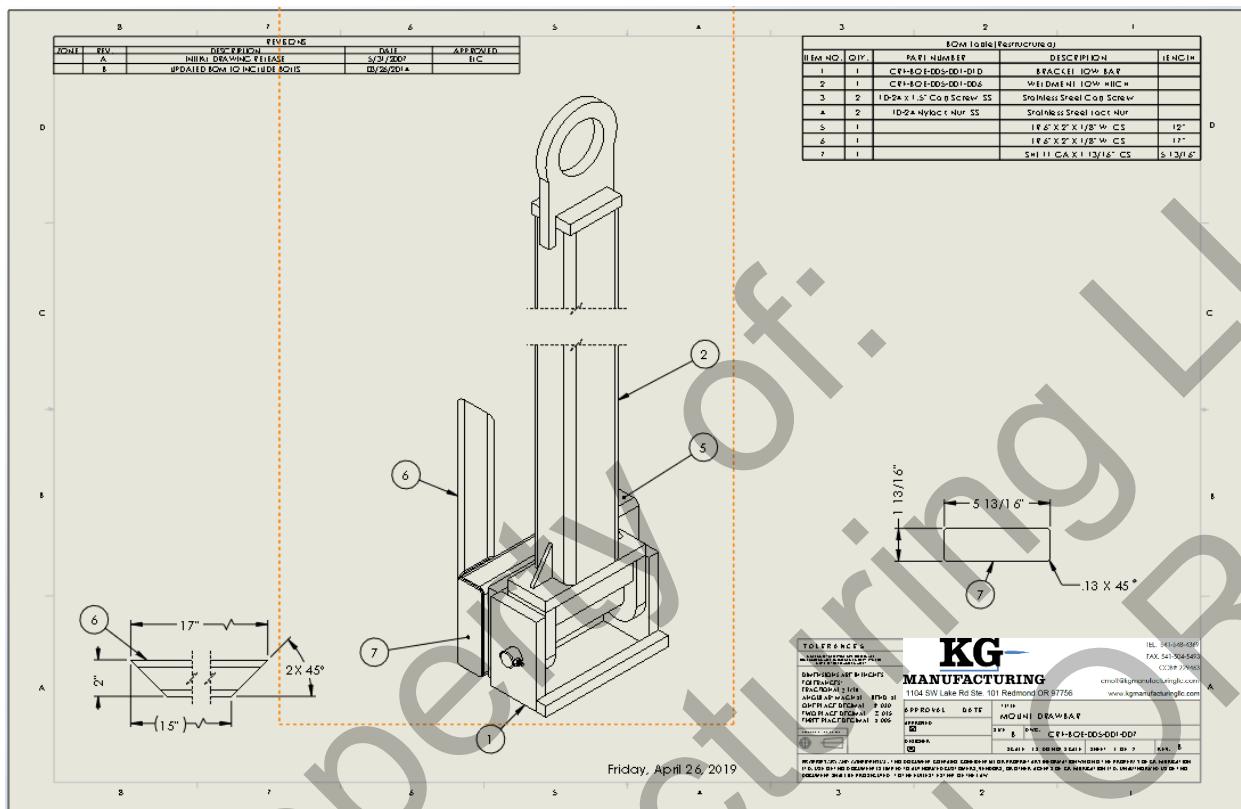
REMOVABLE TOW BAR



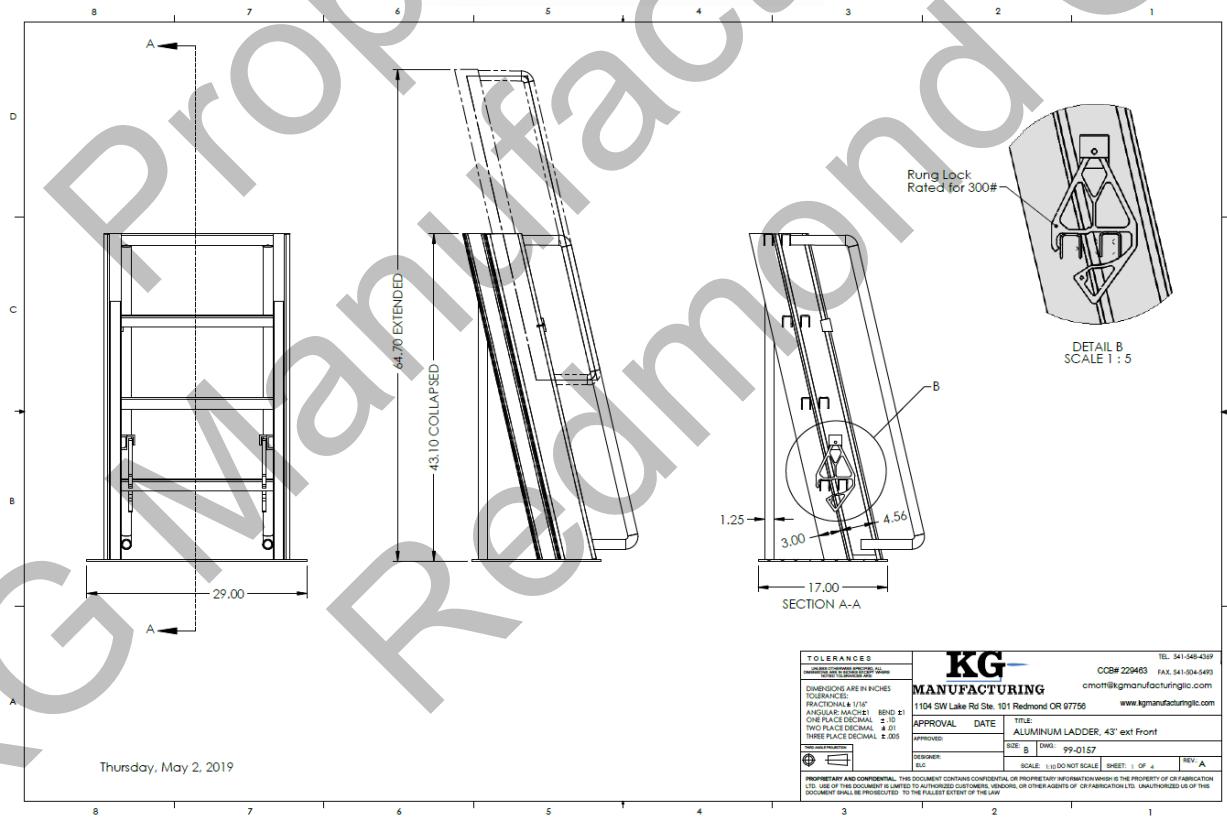
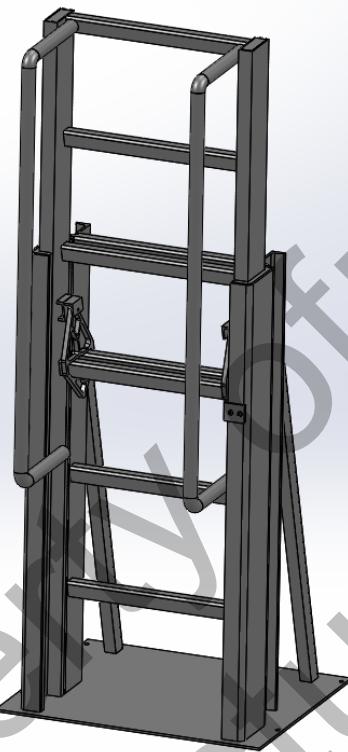
TOW BAR WELDMENT WITH PIN



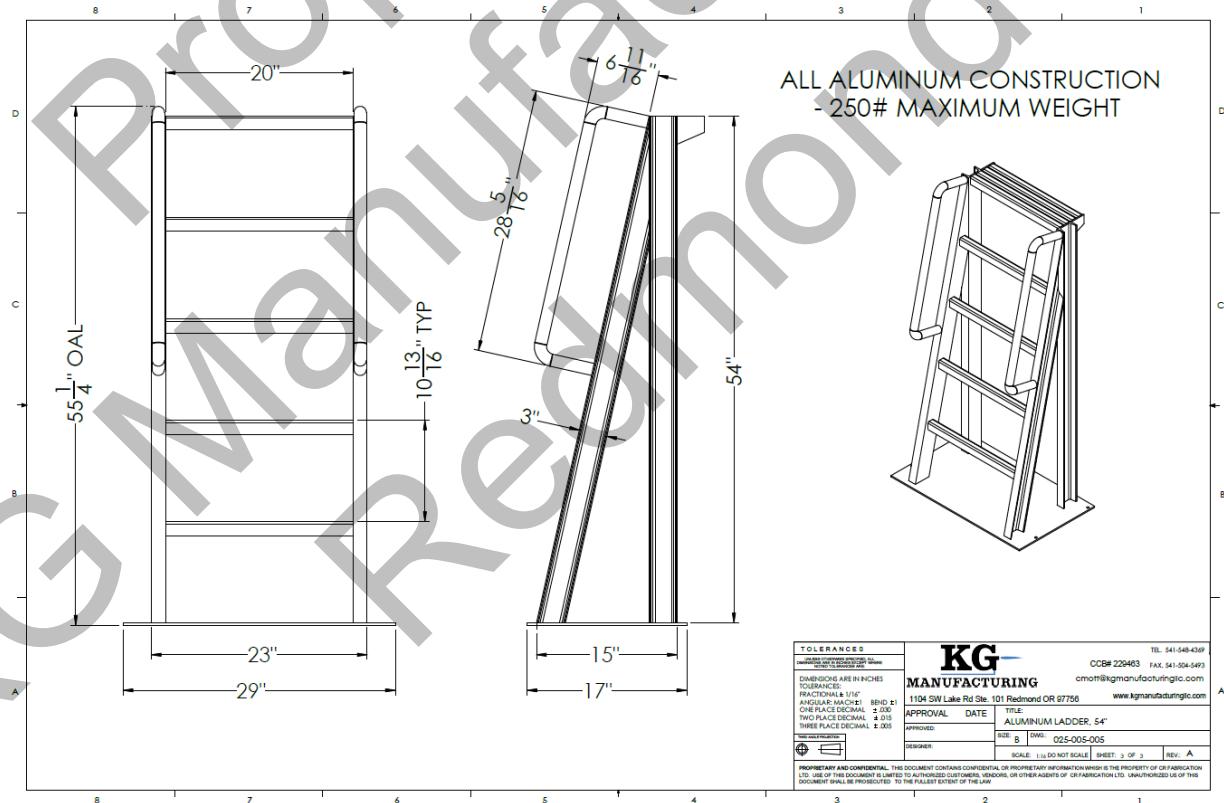
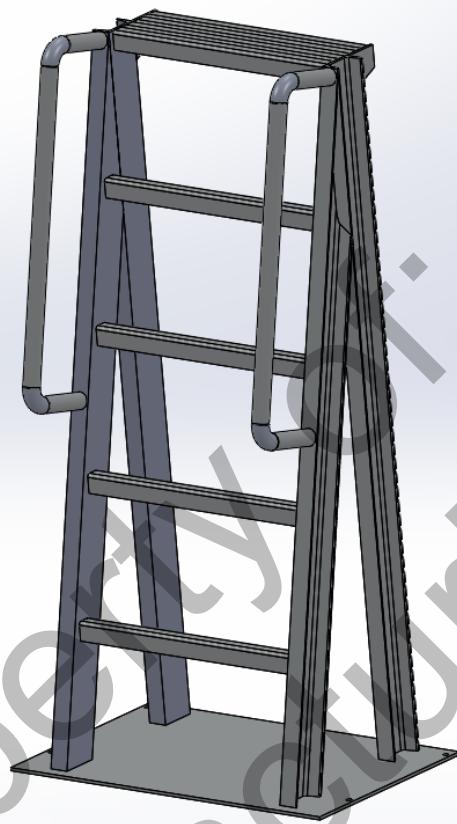
WELDMENT TO FRAME OF LOWER ASSEMBLY TOW BAR



EXTENSION LADDER PART NO: 99-0157



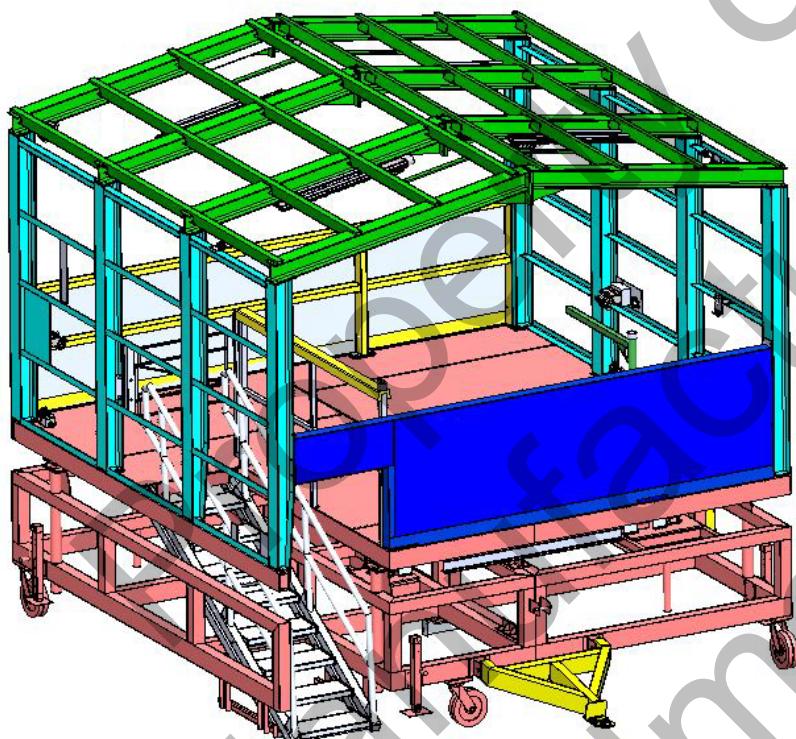
FIXED HEIGHT LADDER PART NO: 025-005-005



CASCADE GSE

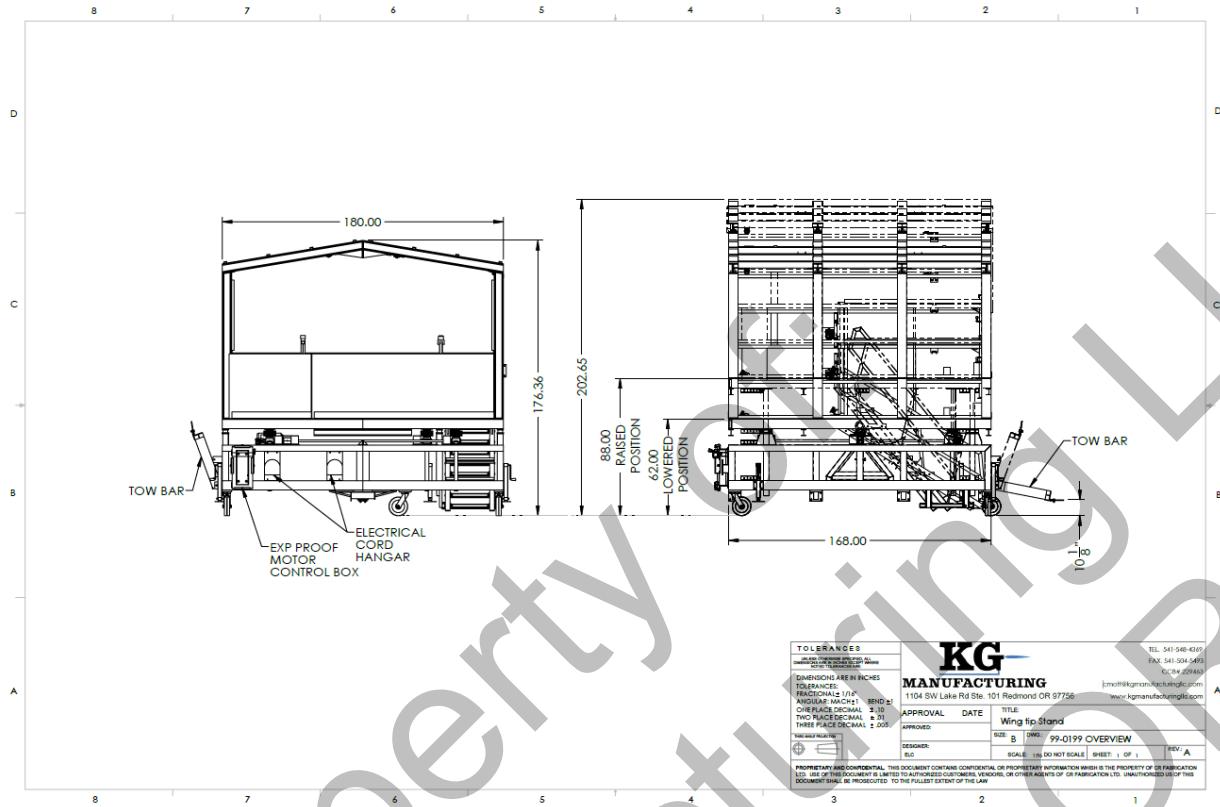
A division of
KG MANUFACTURING LLC.

Model # 010-BOE-WTS-AL
Service Stand



- 2000 LB Deck Capacity
- Steel and Aluminum Construction
- 2 Tow Bars
- Side Crank Jacks
- Exp Proof Motor Control Box
- Electrical Cord
- Hanger
- Meets ANSI Fall Arrest Spes. 2359.1-2007

MODEL NUMBER	PLATFORM HEIGHT	PLATFORM SIZE
010-BOE-WTS-AL	62" to 88"	14' x 15'



TOLERANCES		KG	
ALL DIMENSIONS ARE IN INCHES TOLERANCES: PARALLELISM: .015 IP ANGULAR: .1° COPLANARITY: .015 IP THREE PLACES DECIMAL ± .005		MANUFACTURING	
		1104 SW Lake Rd Ste. 101 Redmond OR 97756	TEL: 541-548-4365 FAX: 541-504-5493 E: cmu@kgmanufacturingllc.com www.kgmanufacturingllc.com
		APPROVAL DATE	TITLE
		APPROVED	Wing tip Stand
DESIGNER	REV.	REQ'D.	SCALE: 1/16 DO NOT SCALE SHEET 1 OF 1 REV. A
BLC			

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