1:400 Scale Custom Airport (AD-Custom-400)

Thank you for purchasing the 1:400 Scale Custom Airport. I know you will be pleased with the final product. Before you get started, here is a list of what you'll need:

- Paper. For best results I recommend using a High Quality Matte Photo Paper; the thicker the paper, the better
- X-Acto knife, with extra blades
- Cutting board
- Metal ruler
- Glue stick
- Handy Tak reusable adhesive (or equivalent – office supply store)
- Tape
- Extra capacity ink cartridge for printer
- Latest version of Adobe Reader (you can download it here: http://www.adobe.com/products/acrobat/readstep2.html)

1:400 Scale Custom Airport (AD-Custom-400)

This product consists of a set of pieces to build a Custom Airport Diorama. The pieces have been organized as follows:

Airplane Pads

> There are two types of airplane pads: Large and Small. The large pads will accommodate a 747, 767, 777 A300, A340, A380, L-1011, DC-10, MD-11, or a Concorde-SST. The small pads will accommodate a 727, 737, 757, or an A320.

> There are 9 different versions of the Large pads available, and 18 different versions of the Small pads. There is also one page with gate numbers that can be printed on a self adhesive paper, and the gate numbers can be cut and applied to the pads.

Runway Left

> The Left side of the runway consist of an end piece (7 versions available with different numbers), and 8 tiles that comprise the landing left side.

> There are also two types of taxiway entries to the runway, left side.

Runway Center

> The Center runway tile can be printed as needed to achieve the desired runway length. These tiles will be located between the Left and Right side of the runway.

> There are also three types of taxiway entries to the runway, center.

Runway Right

> The Right side of the runway consist of an end piece (7 versions available with different numbers), and 8 tiles that comprise the landing right side.

> There are also two types of taxiway entries to the runway, right side.

Runway Optional

> A couple of optional tiles: Runway end piece (with or without lights), and Runway Hold with yellow line.

Services

> These are the pieces for all types of airport services, such as: Cargo Complex, Fuel Depot, Commuter Terminal, Main Parking, Parking for Cars, Parking for cars & Trucks.

1:400 Scale Custom Airport (AD-Custom-400)

Tarmac

These are several tiles for creating the general Airport Tarmac. There are several tiles with road markings in different configurations, and center grassy islands.

Taxiway

These are a couple of optional taxiway hold markings, and a set of runway entrance markings to be cut and applied to the runway entries.

Yellow Line

These are a set of tiles with yellow line markings in different configurations.

There are enough runway tiles for the following runway configurations:

34-16, 34R-16L, 34L-16R, 16R-34L, 16L-34R

39-21, 39R-21L, 39L-21R, 21R-39L, 21L-39R

48-30, 48R-30L, 48L-30R, 30R-48L, 30L-48R

The completed diorama can be mounted on a standard sheet of plywood, or Styrofoam. The Styrofoam is sturdy enough, and a lot lighter. You can find Styrofoam sheets at your local home center store, in the insulation isle.

1:400 Scale Custom Airport (AD-Custom-400)

To print the tiles, use the following settings:

1. Click on Print, then click on the Properties button next to the printer name, and set the printer properties to match the type of paper to be used, and set the printing quality to the highest setting. NOTE: The resolution on the computer screen is not as good as the resolution of the printed material.

2. Set Page scaling to NONE.
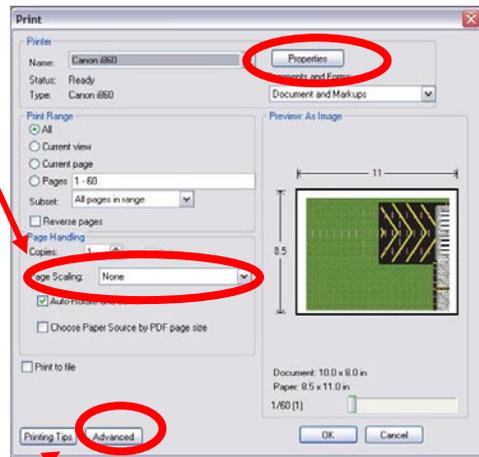
1. **VERY IMPORTANT:** Click on the Advanced button and select "Print as image" on the Advanced Print Setup screen. You MUST do this to prevent the printing process from hanging when the printer tries to "flatten" the image.
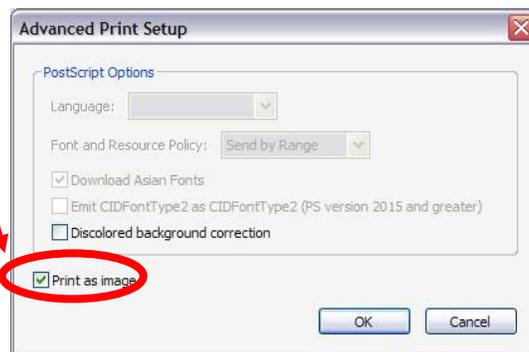
1:400 Scale Custom Airport (AD-Custom-400)

After the tiles are printed, use the "crop marks" on each page to guide you in cutting the tiles. Do not cut all the way across the paper because you will lose the final crop mark. Instead, cut in between the marks, creating a sort of frame around the tile. The tile should just pop-out (see picture below).
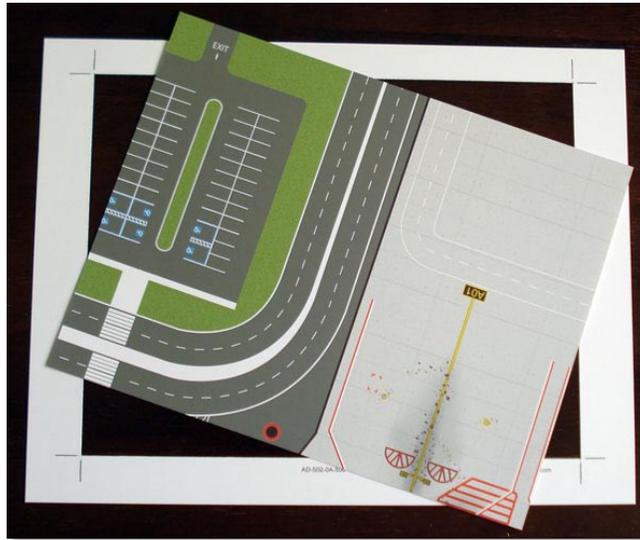
Once you are happy with the layout, start gluing the tiles to the board using the glue stick. I recommend using the glue stick because, depending on the paper quality, liquid glue can be absorbed by the paper and create "bubbles". If you want to try other type of glue, experiment on a single tile first.

TIP: To attach lamp posts, trees, etc. to the diorama, use the Handi Tak reusable adhesive. Take a small piece, roll it into a small ball and stick it under the accessory, then press the accessory to the diorama (see below).
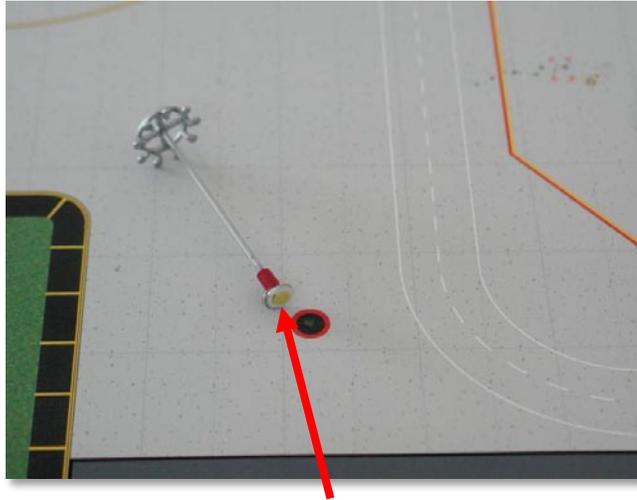
Handi Tak piece
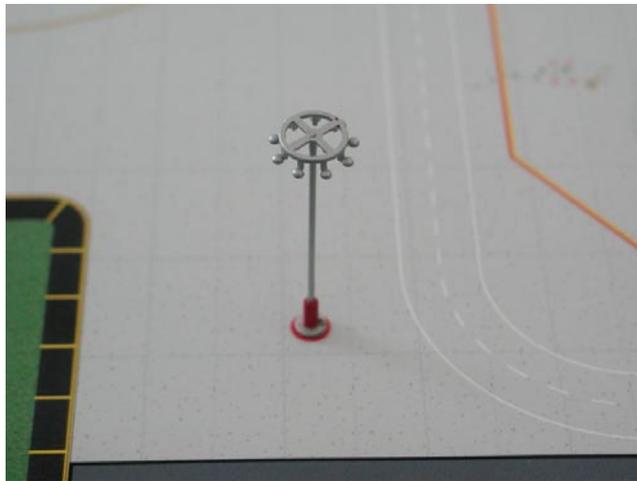
I hope you enjoy your new Airport. If you have any questions or comments, please contact us at info@airport-diorama-designs.com.

Airplane Pads—Large
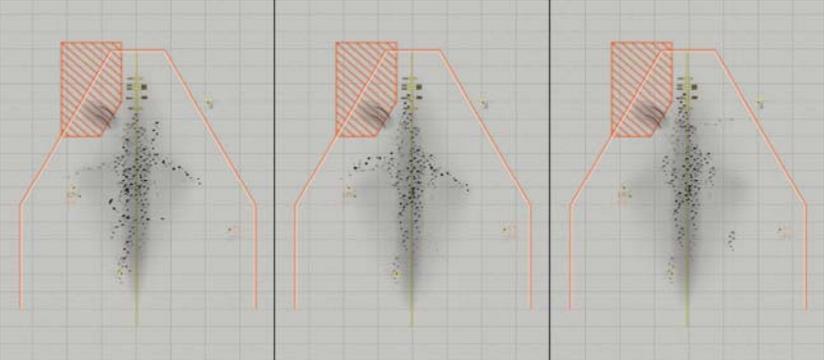
Jet-Pad-Large-400-A.pdf
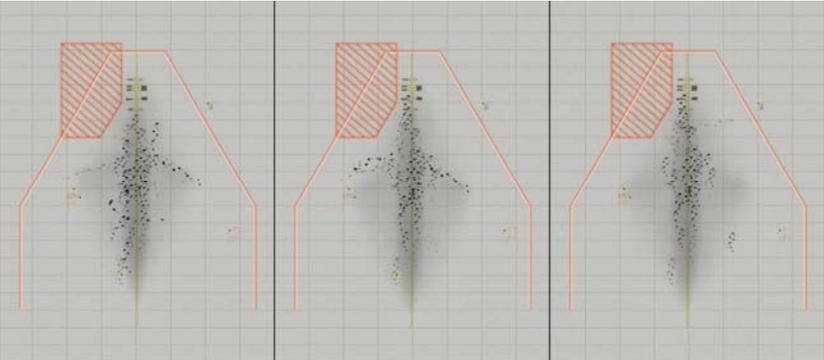
Jet-Pad-Large-400-B.pdf
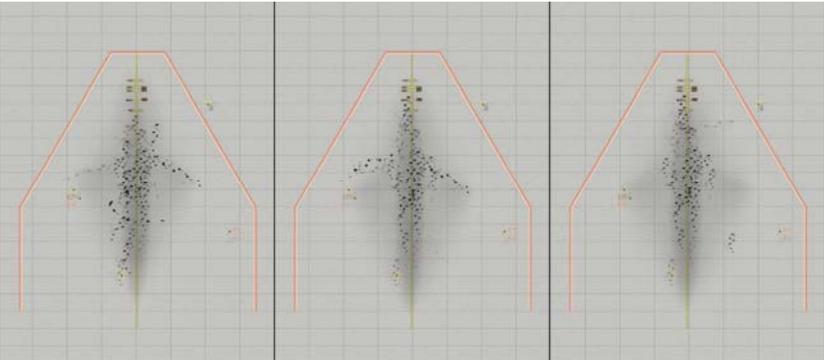
Jet-Pad-Large-400-C.pdf

A01	B01	C01	D01	T01
A02	B02	C02	D02	T02
A03	B03	C03	D03	T03
A04	B04	C04	D04	T04
A05	B05	C05	D05	T05
A06	B06	C06	D06	T06
A07	B07	C07	D07	T07
A08	B08	C08	D08	T08
A09	B09	C09	D09	T09
A10	B10	C10	D10	T10
A11	B11	C11	D11	T11
A12	B12	C12	D12	T12
A13	B13	C13	D13	T13
A14	B14	C14	D14	T14
A15	B15	C15	D15	T15
A16	B16	C16	D16	T16
A17	B17	C17	D17	T17
A18	B18	C18	D18	T18
A19	B19	C19	D19	T19
A20	B20	C20	D20	T20
A21	B21	C21	D21	T21
A22	B22	C22	D22	T22
A23	B23	C23	D23	T23
A24	B24	C24	D24	T24
A25	B25	C25	D25	T25

Print on Self-Adhesive Paper

Gate-Numbers.pdf

Airplane Pads—Small
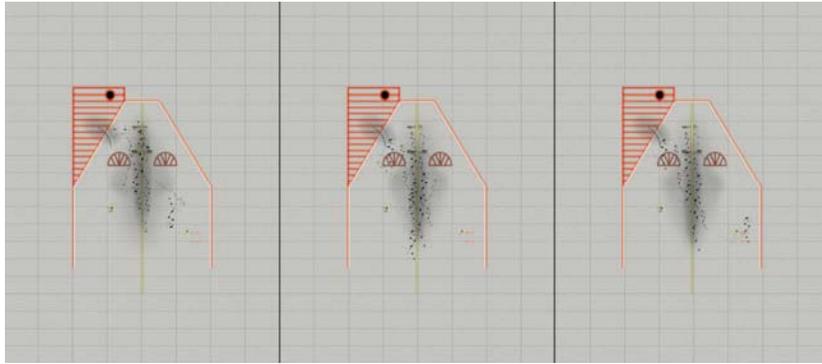
Jet-Pad-Small-400-A.pdf
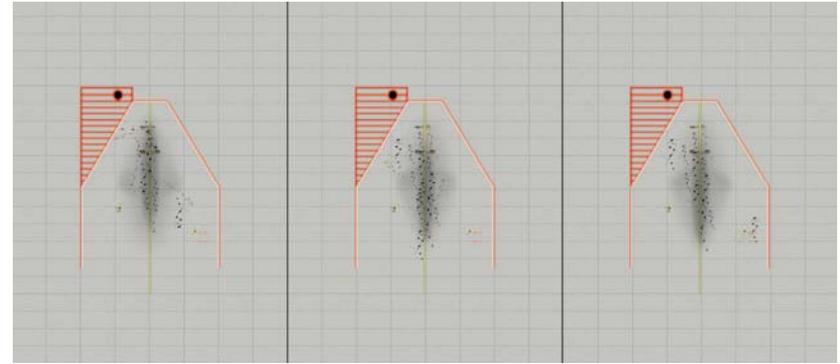
Jet-Pad-Small-400-D.pdf
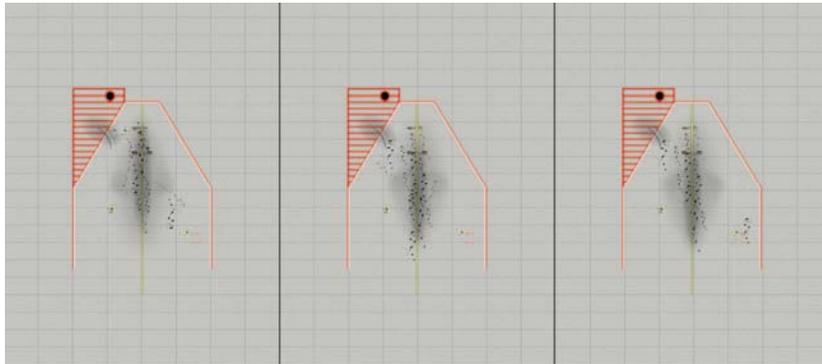
Jet-Pad-Small-400-B.pdf
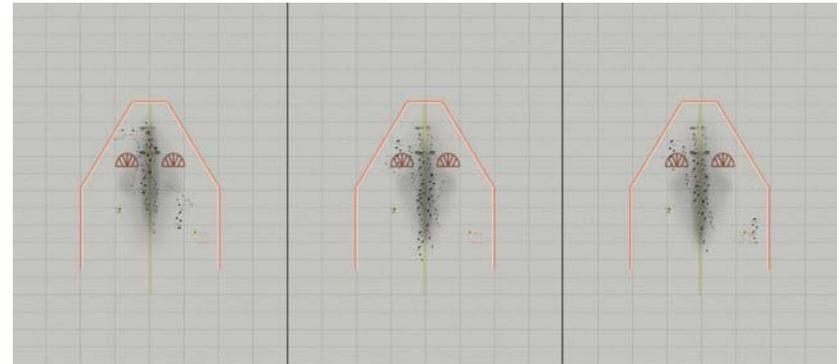
Jet-Pad-Small-400-E.pdf
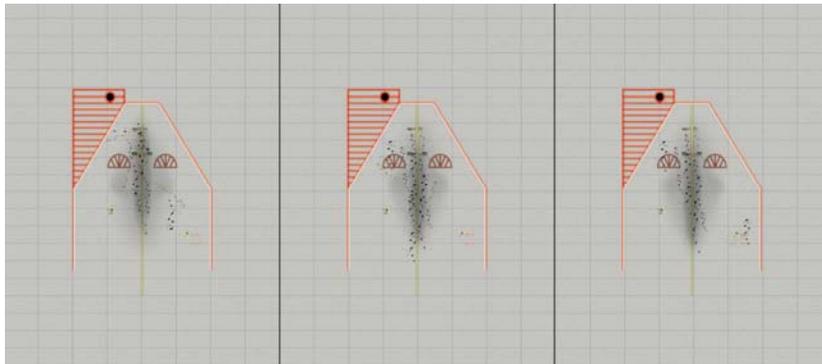
Jet-Pad-Small-400-C.pdf
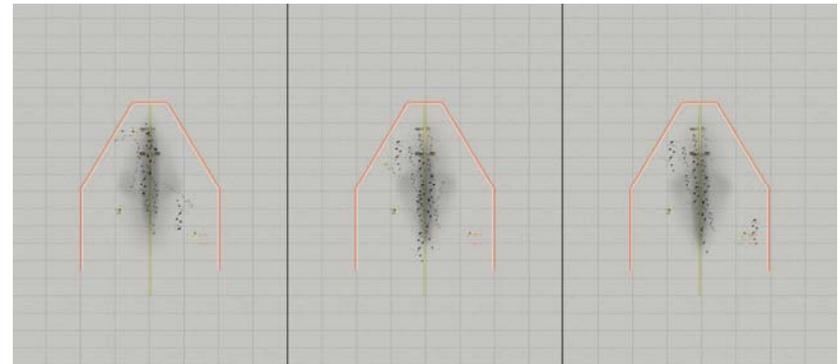
Jet-Pad-Small-400-F.pdf

Runway Left
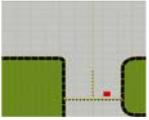
Taxiway-Enter-Runway-Left.pdf

Taxiway-Enter-Runway-Left-45.pdf

Runway-400-Landing-Left.pdf

Runway landing strip, 8 tiles

Runway-400_34L.pdf

Runway-400_39L.pdf


Runway-400_48R.pdf

Runway-400_34.pdf

Runway-400_48.pdf

Runway-400_34R.pdf

Runway-400_39R.pdf

Runway-400_48L.pdf

Runway-400_39.pdf
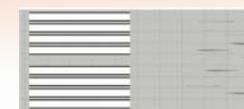
Runway-400_Left-end-clear.pdf

Add any of these tiles to the left side of the runway landing strip

Runway Center
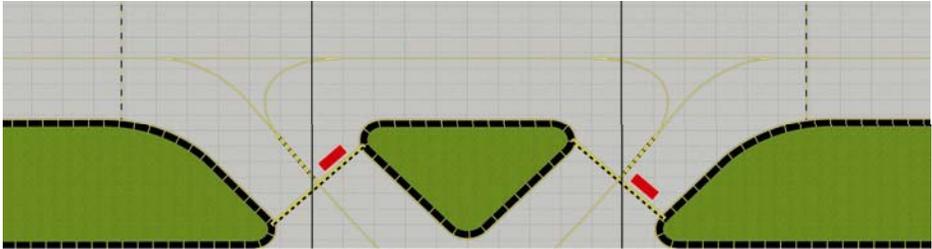
Taxiway-Enter-Runway-Center-45.pdf
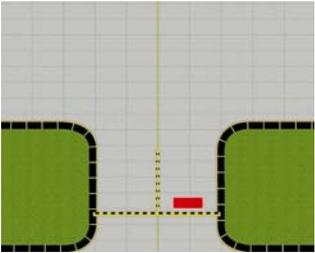
Taxiway-Enter-Runway-Center.pdf
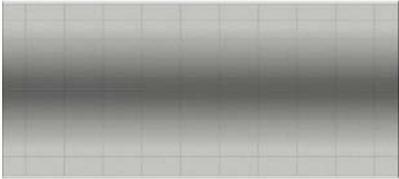
Runway-400-Center.pdf
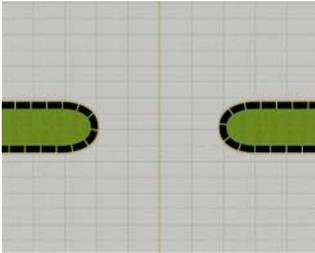
Taxiway-Enter-Small-Island.pdf

Print as many of the center tiles as needed to complete runway

Runway Right
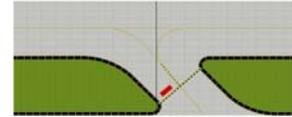
Taxiway-Enter-Runway-Right-45.pdf   Taxiway-Enter-Runway-Right.pdf
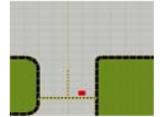
Runway-400-Landing-Right.pdf

Runway landing strip, 8 tiles

Runway-400_21.pdf   Runway-400_30.pdf   Runway-400_16L.pdf   Runway-400_21L.pdf   Runway-400_30L.pdf

Runway-400_Right-end-clear.pdf   Runway-400_16.pdf   Runway-400_16R.pdf   Runway-400_21R.pdf   Runway-400_30R.pdf

Add any of these tiles to the right side of the runway landing strip

Runway Optional

Runway-End-Lights.pdf

Runway-End-NoLights.pdf

Runway-Line-Hold-Horizontal.pdf

Runway-Line-Hold-Vertical.pdf

Services
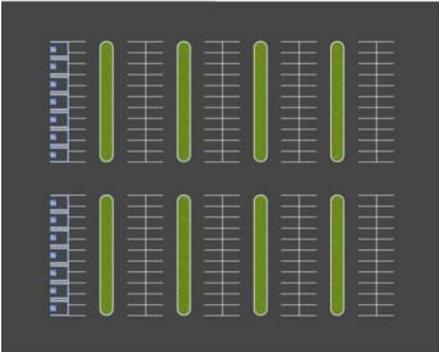
Parking-Cars.pdf
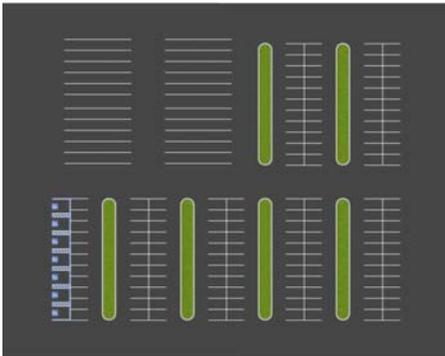
Cargo-Complex.pdf
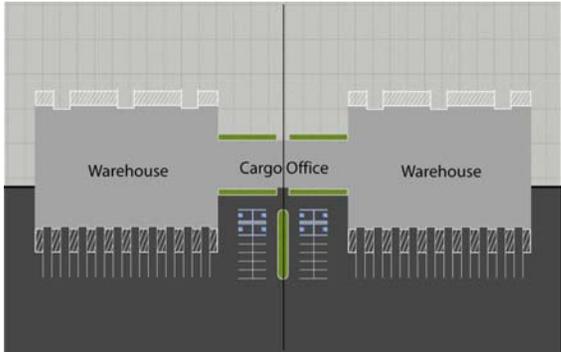
Parking-Trucks.pdf
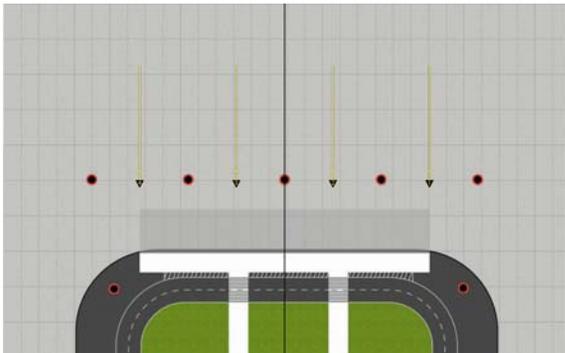

Commuter-Terminal-400.pdf


Fuel-Depot.pdf

Main-Parking.pdf

Tarmac
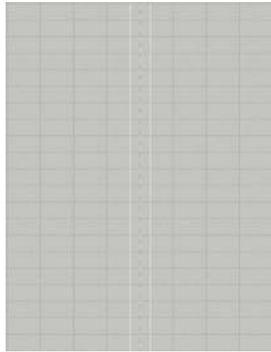
Tarmac-Road-Vertical.pdf
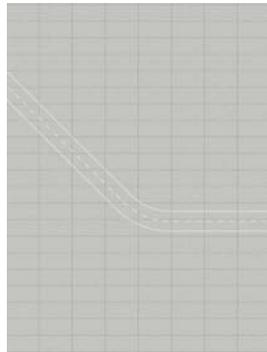
Tarmac-Road-Curve-Small-45.pdf
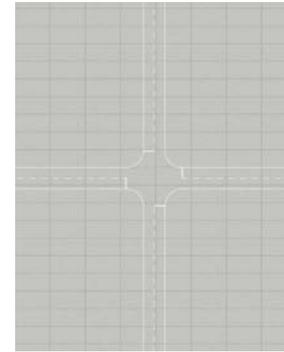
Tarmac-Road-4point-connector.pdf
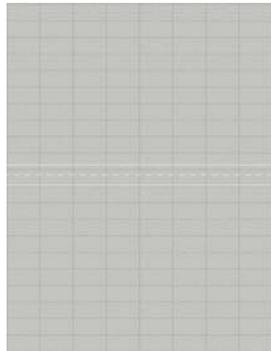
Tarmac-Road-Horizontal.pdf
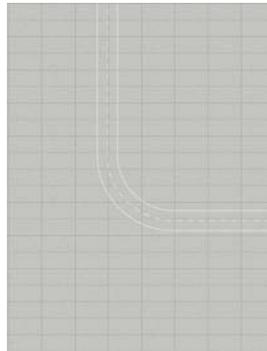
Tarmac-Road-Curve-Small-90.pdf
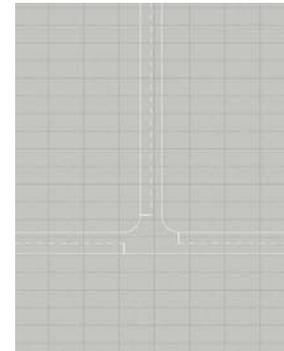
Tarmac-Road-3point-connector-
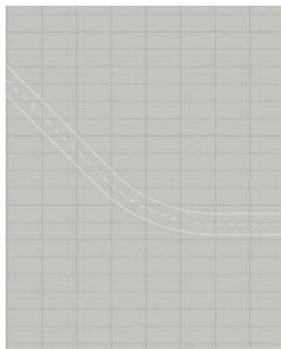
Tarmac-Road-Curve-Large-45.pdf
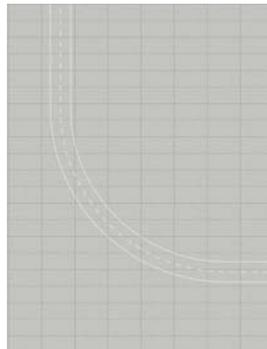

Tarmac-Road-Curve-Large-90.pdf
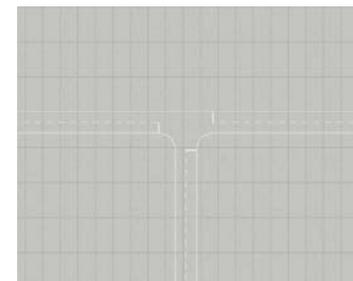
Tarmac-Road-3point-connector-Vertical.pdf

Tarmac

Tarmac.pdf
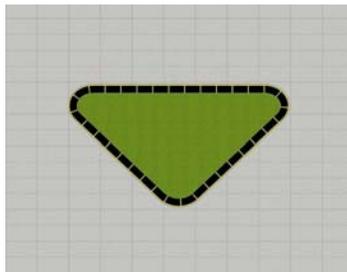
Tarmac-Triangle-Island.pdf
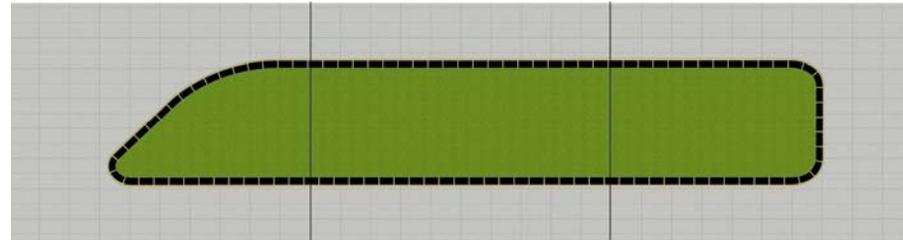
Tarmac-Large-Island.pdf
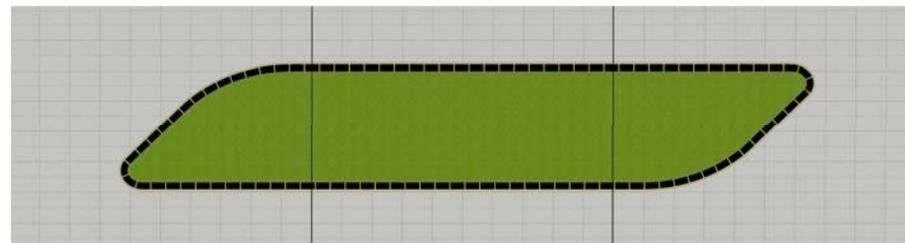
Tarmac-Large-Island-45.pdf
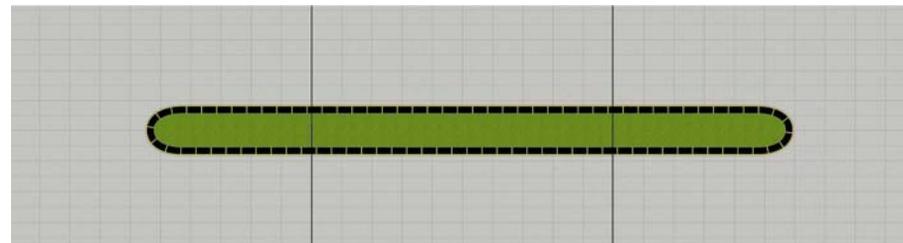
Tarmac-Small-Island.pdf

Taxiway


Taxiway-Line-Hold-Horizontal.pdf

Taxiway-Line-Hold-Vertical.pdf

Print on Self-Adhesive Paper
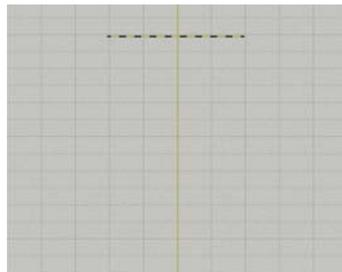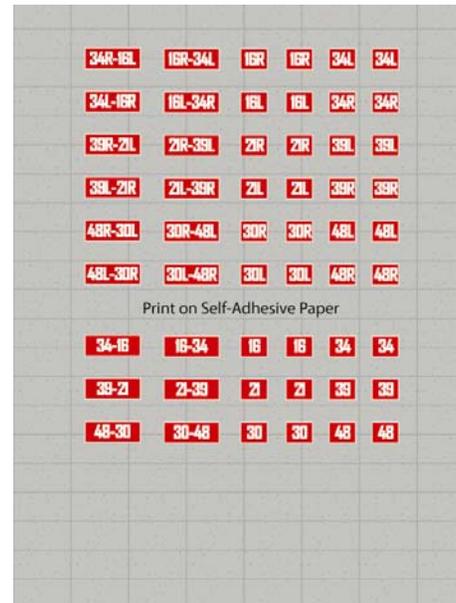
Taxiway-Runway-Numbers.pdf

Yellow Line
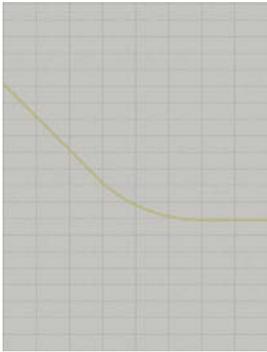
Tarmac-Yellow-Line-Curve-Large-45.pdf
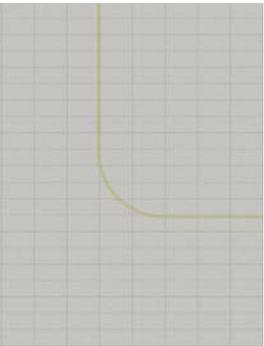
Tarmac-Yellow-Line-Curve-Small-90.pdf

Yellow-3point-Connector-Horizontal.pdf

Tarmac-Yellow-Line-Curve-Large-90.pdf

Yellow-4point-Connector-Horizontal.pdf
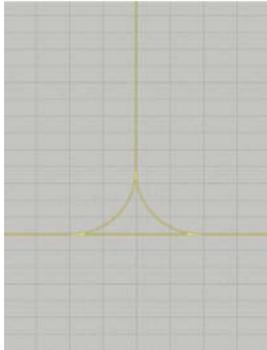
Yellow-3point-Connector-Vertical.pdf

Tarmac-Yellow-Line-Curve-Small-45.pdf
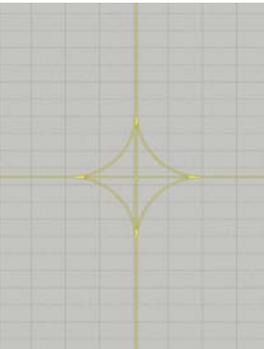
Yellow-4point-Connector-Vertical.pdf

Yellow Line

Tarmac-Yellow-Line-Horizontal.pdf
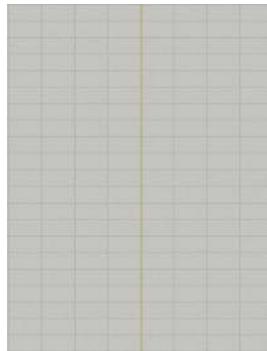
Tarmac-Yellow-Line-Vertical.pdf