

# DRACO™

## Fast Jet Mini-Dome Visual Display Systems

3D perception offers a catalog of turn-key, preconfigured Northstar™ visual display systems for different simulation applications.

The Draco range of systems are high-resolution front-projected mini-dome displays, ideal for single eye-point fast-jet or turboprop aircraft and can be installed in ISO containers, standard offices, and classroom spaces. The sensor-instrumented Aurora™ auto-alignment screens that are integral to Draco systems can be delivered fully finished from the factory, allowing for rapid installation with few personnel.

System designs are flexible to accommodate specific program requirements and can allow for differing projector type and resolution, screen gain/contrast, and field of view. Draco systems have been designed to ideally suit the following:

- Beechcraft/Textron T-6C
- Grob G-120TP
- Lockheed Martin F-35
- Lockheed Martin F-22
- Lockheed Martin F-16
- Leonardo M346
- Northrop F-5N
- Pilatus PC-7
- Pilatus PC-9
- Pilatus PC-12

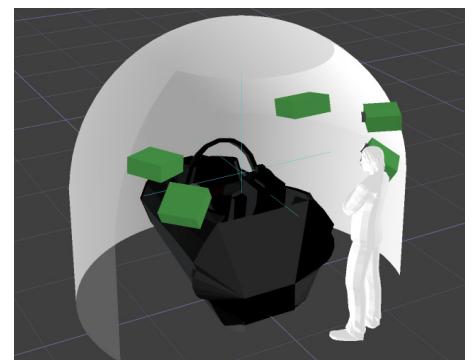
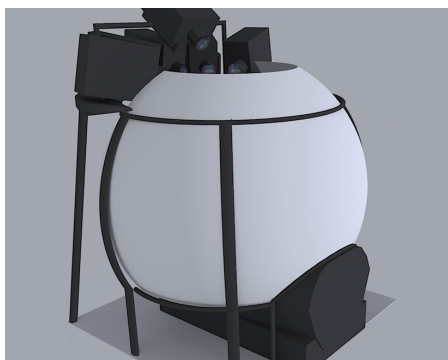
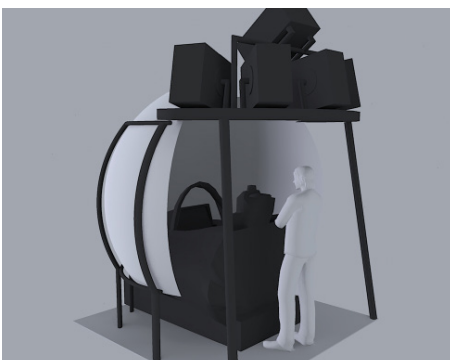


### System Options

System	Screen Radius	Approx. Dimensions			HFOV	VFOV	Resolution	Brightness	Contrast	Projection - OTW		
		L	W	H						Qty	Type	Resolution
DRACO 160	1.05 m	1.5 m	2 m	2.5 m	164°	+30°/-30°	7 arc min/OLP	20 Ft L	20:1	2	UHP Lamp	WQXGA (2560x1600)
DRACO 220	1.3 m	2.5 m	2.5 m	3 m	220°	+65°/-20°	4 arc min/OLP	15 Ft L	15:1	5	Laser or LED	Pixel Shifted 4K
DRACO 220A	1.6 m	3 m	4 m	3 m	220°	+120°/-10°	7 arc min/OLP	15 Ft L	12:1	5	UHP Lamp	WQXGA (2560x1600)

### Features

- Proven and mature 3D perception Northstar™ platform
- Precision image autocalibration via Aurora™ sensor-instrumented screen
- Dynamic Optical Blenders™ for optimal image at any time of day
- Scenario management for time of day, NVG, eyepoint locations, etc.
- IG independent image processing and autocalibration architecture
- Centralized system control including full projection control
- Light closeout options
- Adaptable configurations to meet program requirements



Specifications subject to change without notice | Revised Nov 2019