



FEATURE COMPARISON OF INSTRUCTOR STATION SOFTWARE

Information compiled from the company websites and user documentation. Read last page for notes and disclaimer.

FEATURE	LUIS GORDO Instructor Station	PROJECT MAGENTA Instructor Station	VISPRO (Flight1) Instructor Station
General			
Compatibility	Microsoft Flight Simulator™ (2004, FSX, ESP, PREPAR3D®) and X-PLANE® (thru XPUIPC)	Microsoft Flight Simulator™ (N/A)	Microsoft Flight Simulator™ (FSX, ESP, Prepar3D)
3rd Party Software Supported	Project Magenta, AST, TSR (runway conditions) Compatible with all other 3 rd party programs so far	Project Magenta	Flight One Software
Platform	Windows XP, Vista, 7, 8	Win XP minimum	Windows XP, Vista, 7
Portability	Can be run on the Apple iPad, using AirDisplay	N/A	N/A
Use with touch screen monitor	Yes	N/A	Yes
Multi-monitor Capability	Yes	Yes	N/A
Network Capability	Yes	Yes	Yes
Network Management (start-up & shutdown remote computers, start/stop remote applications)	Yes	No	No
Can run on same machine as flight simulator?	Yes, low PC requirements	Yes, N/A	Yes, N/A
Displays Aircraft position in ForeFlight Mobile™ (iPad, iPhone)	Yes	No	No
Exports Aircraft GPS data via Bluetooth for use in any navigation app (tablets and smartphones)	Yes	No	No
Voice Control	Yes, beta	No	No





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General Features			
Positioning	Yes	Yes	Yes
Relative to runways (takeoff, final, intercept, traffic pattern)	Yes	Yes	Yes
Relative to Nav aids & Fixes	Yes	N/A	Yes
At Airport Gates	Yes	Yes	Yes
Pushback	Yes	No	No
Aircraft Slew Controls	Yes	No	No
Quick aircraft systems start	Yes	No	No
Save situations	Yes, including WXR conditions. Can be shared with other users.	Yes. WXR is not saved.	Yes
Environment / WXR	Yes	Yes	Yes
Retrieve Real WXR (METARs)	Yes	No	No
Preset WXR conditions	Yes	Yes	Yes
Audio ATIS/AWOS	Yes	No	No
Failures / Malfunctions	Yes, general for all aircraft and for Project Magenta	Yes	Yes
Reset feature for malfunctions	Yes	N/A	Yes
Fuel / Load Control	Yes Fuel calculator included for A320, B737 & Propellers. Load is displayed. Fuel imbalance and leak simulation.	Yes No fuel calculator. No load input. Fuel imbalance.	Yes No fuel calculator. Fuel imbalance.
Flight Plan Creation	No	No	Yes
Aircraft Attitude Display	Yes, attitude indicator, heading indicator, VSI, altitude, IAS	Yes	Yes
Views control	Yes, cycle view, zoom, pan up/down, select view	No	No
Simulation Rate Control	Yes	No	No
Links to Instrument Approach charts and airport info	Yes	No	No

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FEATURE	LUIS GORDO Instructor Station	PROJECT MAGENTA Instructor Station	VISPRO (Flight1) Instructor Station
Data Management / Display			
Data Recorder	Yes	Yes	Yes
Data can be saved	Yes	N/A	Yes
Graphical Data Logger	Yes Real time and saved.	Yes Real time only.	Yes Real time and saved.
3D View	Yes	No , only aircraft render in 3D	No
Approach Profile Display	Yes , vertical & horizontal	Yes, vertical & horizontal	Yes, vertical & horizontal
Approach Profiles Printout	Yes	Yes	Yes
Graphical Data Plot Printout	Yes	Yes	N/A
Import Data from Real Flight Data Recorder & Analyze	Yes , imports data from FDR Mobile	No	No
Flight Phase Generator	Yes	No	No
Map Display			
Moving Map	Yes	Yes	Yes
Type	Google-Earth™ 2D and 3D	Native – 2D only	Native – 2D only
Flight Track	Yes	Yes	Yes
Events superimposed (gear, flap extension, failures, etc.)	Yes	No	Yes
Airports and Nav aids (showing frequencies)	Yes	Yes	Yes
Map features displayed	Full FAA charts, <i>overlaid on Google- Earth™: Sectionals, Terminal Areas, Low and High Charts</i>	None	Victor and Jet airways, published holding patterns, airspace boundaries, special use airspace
Map Control	Full 2D and 3D map control by Google.	N/A	Zoom in/out, scroll
Map Export & Sharing	Yes – creates a KML file that can be viewed by anyone in Google- Earth™	No	No
Navaid Database	Yes , fully customized to match the flight simulator installation. Can be updated with each AIRAC cycle.	Yes, internal (non- configurable) 90,000+ entries	Yes





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Nav/Comm			
Control of Nav and Comm radios	Yes	N/A	N/A
ILS Auto-Tune	Yes	Yes	N/A
Control over Transponder	Yes	No	No
Control over ADF radio	Yes	No	No
ATC communications (synthetic voice and/or text to FS window)	Yes	No	No
ATIS/AWOS simulation	Yes	No	No
Holding Procedures	Yes, including export to Google-Earth™	No	No
Traffic			
Monitor nearby traffic	Yes	N/A	N/A
Monitor ground traffic, airborne traffic or both	Yes	N/A	N/A
Selectable radar range	Yes	N/A	N/A
Create TCAS alerts	Yes	No	No





FEATURE	LUIS GORDO Instructor Station	PROJECT MAGENTA Instructor Station	VISPRO (Flight1) Instructor Station
FAA Certification Requirements for Advanced and Basic Aviation Training Devices (per AC 61-136, 7/17/08, AFS-800)			
Ability to Freeze/Pause	Yes	N/A	N/A
Able to set ACFT location, heading, airspeed, altitude and Wind direction, speed and turbulence	Yes	Yes	Yes
Capability to record horizontal and vertical track of ACFT, including playback feature	Yes	N/A	N/A
Ability to disable any instrument prior or during a session, and to simulate instrument failure without stopping the sim	Yes	Yes	Yes
Navigational database based on procedures as published per 14 CFR part 97	Yes	Yes	Yes
Capability to oversee pilot's horizontal and vertical flight profiles in real time	Yes	N/A	N/A
Function as ATC in providing vectors, change WXR, ceiling, visibilities, wind speed & direction, turbulence level & icing conditions	Yes	N/A	N/A
Invoke failure in navigation and instruments, radios, landing gear & flaps, engine power and other ACFT systems	Yes	Yes	Yes
Certifiable as part of AATD & BATD (Advanced & Basic Aviation Training Devices)	Yes	N/A	N/A





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FAA Certification Requirements for Flight Simulators and Flight Training Devices (per 14 CFR Part 60, 7/17/08, AFS-800)			
Controls that enable the instructor/evaluator to control all required system variables and insert all abnormal or emergency conditions into the simulated airplane systems	Yes	Yes	Yes
Controls for all environmental effects expected to be available at the IOS; e.g., clouds, visibility, icing, precipitation, temperature, storm cells, and wind speed and direction	Yes	Yes	Yes
Ability to present ground and air hazards (i.e. converging airborne traffic)	Yes	No	No
Power switch(es)	Yes	N/A	N/A
Airplane conditions, Airports/Runways, Environmental controls, Airplane system malfunctions (Insertion/deletion), Locks, Freezes, and Repositioning	Yes	Yes	Yes
Remote IOS	Yes	Yes	N/A
Sound Controls	Yes	N/A	N/A
Certifiable as part of Full Flight Simulator (FFS Levels A, B, C & D) and Flight Training Devices (FTD Levels 4 thru 7)	Yes	N/A	N/A





FEATURE	LUIS GORDO Instructor Station	PROJECT MAGENTA Instructor Station	VISPRO (Flight1) Instructor Station
Pricing & Terms			
Non-commercial License	57 USD	400 USD	595 USD
Commercial License	284 USD	1,900 USD	N/A - Highest of all.
Guarantee	Yes, money back within 30 days	No	Yes, money back within 30 days
E-mail Support	Yes	Yes	Yes
Phone Support	Yes	No	N/A

Notes:

N/A – Info not available

Disclaimer

Provided for information only. Author assumes no responsibility for accuracy of the information shown on these tables. User should verify the above with the corresponding software providers.

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