

# ATFS MATRIX

## TRAINING APPLICATIONS

	ATFS-400 PHOENIX	ATFS-300 PEREGRINE	Cockpit Module	GL-6000 GRYPHON
High Angle of Attack (AOA) Maneuvering	X	X	X*	
Dissimilar Air Combat	X	X	X*	
Explore edge of the aircraft kinematic flight envelope	X	X	X*	
Departure - controlled flight	X	X	X*	
Push-Pull	X	X	X*	
SD/SA	X	X	X*	
G Readiness / G Tolerance/Refresher – Ab Initio	X	X	X*	
Aircraft handling with combat damage	X	X	X*	
Basic Fighter Maneuvers/Dissimilar Air Combat	X	X	X*	
Air-to-ground missions - includes "across the spectrum" of threat, weapons employment, and environmental conditions	X	X	X*	
Departure Form Controls/Upset Recovery	X	X	X*	
Dynamic Weapons Employment	X	X	X*	
Air-to-Ground Mission – CAS, SEAD, and DEAD	X	X	X*	
STOL, VTOL, STOVL				X
Hover – IGE, OGE				X
Conversion – forward flight to hover				X
Operational Flight Simulator			X	

X\* When used in conjunction with the ATFS 400 PHOENIX dynamic motion platform



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## STANDARD SPECS, TECH PERFORMANCE & ADVANTAGES

	ATFS-400 PHOENIX	ATFS-300 PEREGRINE	Cockpit Module	GL-6000 GRYPHON
Single Seat	X	X	X	X
Dual Seat	X	X	X	X
High Fidelity Cockpit	X	X	X	X
Real World Visuals	X	X	X	X
Configurable for Any Aircraft Desired	X	X	X	X
360° continuous motion in pitch, roll, yaw	X	X		X
Vertical Motion				X
Data Linking Capability	X	X	X	X
HLA Linking Capability		X (semi)		
Portable			X	
Motion Performance				
Maximum G Level - 15G	X	X		
Maximum G Level = 3 G				
Sustained G forces	X	X		X
Stationary Base (non-motion)			X	
Advantages				
Increase Operational Readiness	X	X	X	X
Increases G Readiness	X	X	X	X
Increases G tolerance	X	X		X
Realistic	X	X	X	X
Realistic Motion Profile	X	X		X
Cost Savings	X	X	X	X
Low Operational Costs	X	X	X	X
High Skill Transfer Value	X	X	X	X
Ideal Alternative to Live Jet Training	X	X	X	X
Train in Any Weather	X	X	X	X
Maximum Safety	X	X	X	X