

# PILOT SELECTION SYSTEM

ETC's Pilot Selection System (PSS) is an integrated testing program used to determine whether pilot candidates have the required aptitude, skills and abilities necessary for becoming a pilot. The Pilot Selection System provides the customer an economical and reliable means of carefully screening civil and military flight candidates. ETC's Pilot Selection System assesses the candidate's psychomotor skills and their ability to effectively manage their conscious attention in a dynamic flight environment.

Candidates are screened for their ability to perform in flight environment conditions. Characteristics such as reasoning and mathematical skills, reaction time, comprehension, attention, perception, and audio and visual memory are evaluated using computerized testing stations and a 3 axes, motion based Flight Training Device.

Testing and evaluation of pilot candidates ensures a significant cost savings by reducing flight training eliminations. Psychomotor, coordination and personality factors are tested using ETC's Pilot Selection System. Personality factors include: *social suitability, courage, cooperation, communications, emotional stability, introverted or extroverted characteristics and leadership.*



AIRCREW TRAINING SYSTEMS

125 James Way, Southampton, PA 18966 USA

ph. 215.355.9100 • fax 215-357-4000

ATS@ETCUSA.COM [www.ETCAircrewTraining.com](http://www.ETCAircrewTraining.com)

# PILOT SELECTION SYSTEM

## EVALUATION

- Psychomotor ability
- Cross control ability
- Sensory Control
- Time sharing
- Motor coordination
- Perceptual depth
- Perceptual speed ability
- Pattern recognition
- Tracking
- Kinesthetic memory
- Responses time

## SPECIFICATIONS

- Individual, computerized pilot stations
- Computerized grading system
- Data collection and storage
- Utilizes 3 axes motion based simulator with a generic configuration and operational controls, appropriate cockpit instrumentation

## ADVANTAGES

- Time and cost saving by reducing candidate “wabs out” earlier in the selection process
- Utilizes actual motion based simulator

for a more accurate selection method

- Can be used for military or civil pilot evaluation
- Custom curriculum is adapted to each individual entities individual program goals
- Greater ability for skill practice in motion based, flight simulator

[www.ETCAircrewTraining.com](http://www.ETCAircrewTraining.com)