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National Training Aircraft Symposium (NTAS)

2017 - Training Pilots of the Future: Techniques & Technology

Aug 15th, 8:15 AM - 9:00 AM

Morning Featured Speaker — Current State of Military and Civilian Pilot Pipelines

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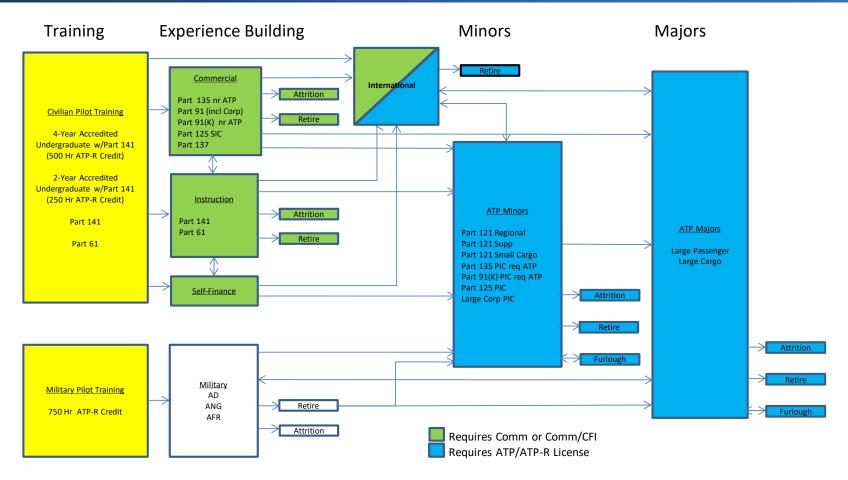
Current State and Forecast Civil and Mil Pilot Pipeline

Dr Michael McGee 15 AUG 17



RAND Pilot Pipeline Model



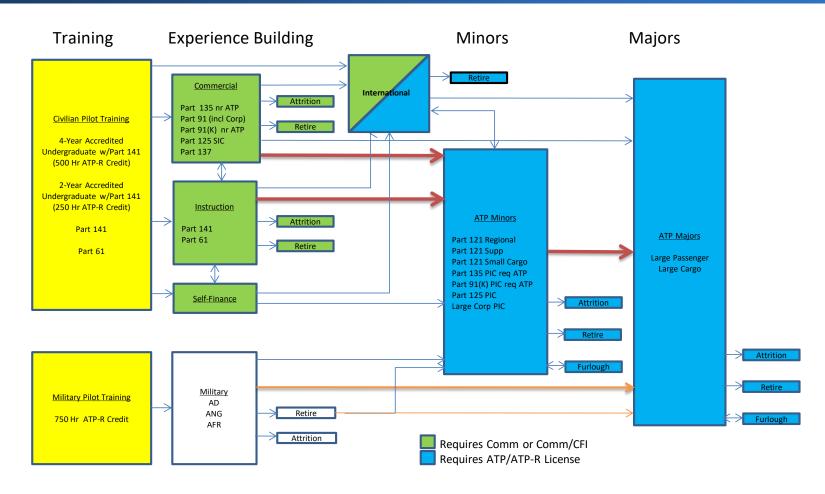


McGee, RAND, RGSD-351, Updated



RAND Pilot Pipeline Model Primary Flows



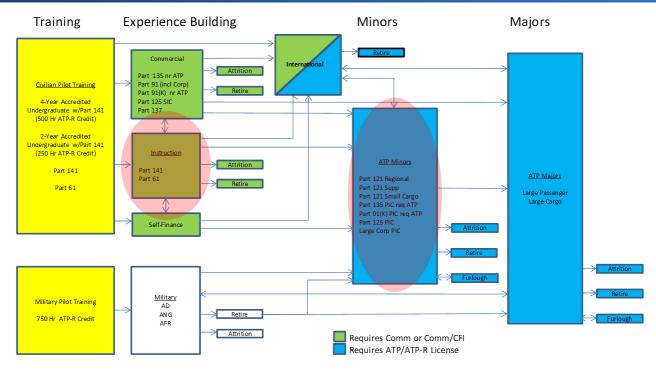


Source: RAND RGSD-351, updated



Pipeline Fragility





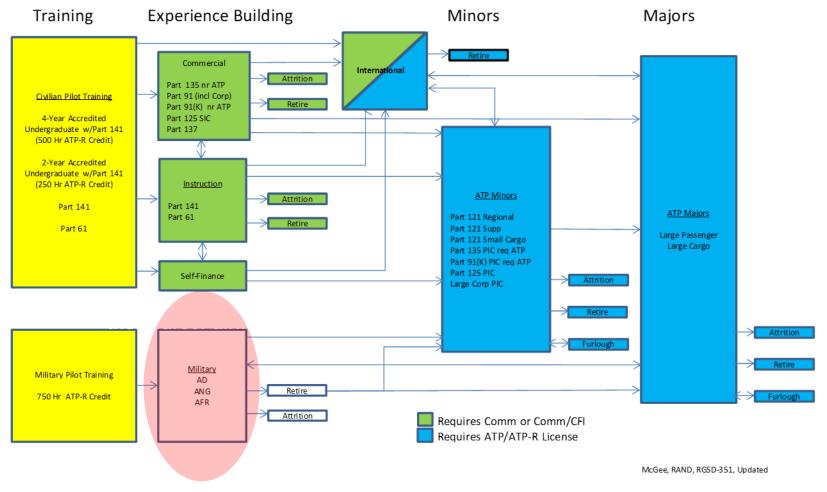
McGee, RAND, RGSD-351, Updated

- Nodal progression pilot availability
- Intranodal transfers stability and training costs



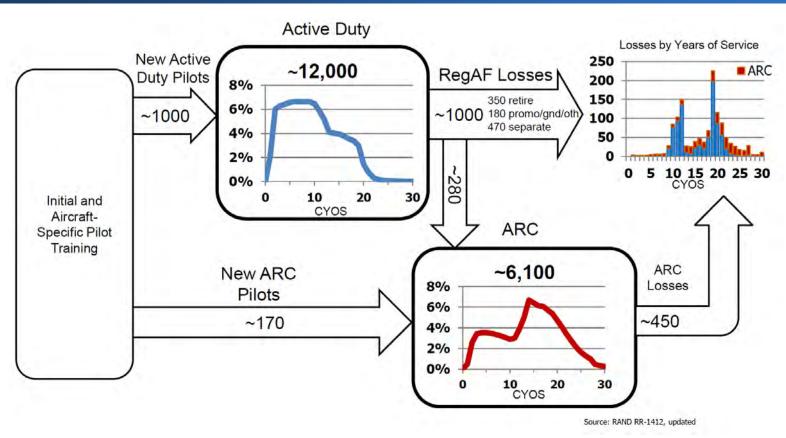
RAND Pilot Pipeline Model





Military Flow into Pipeline



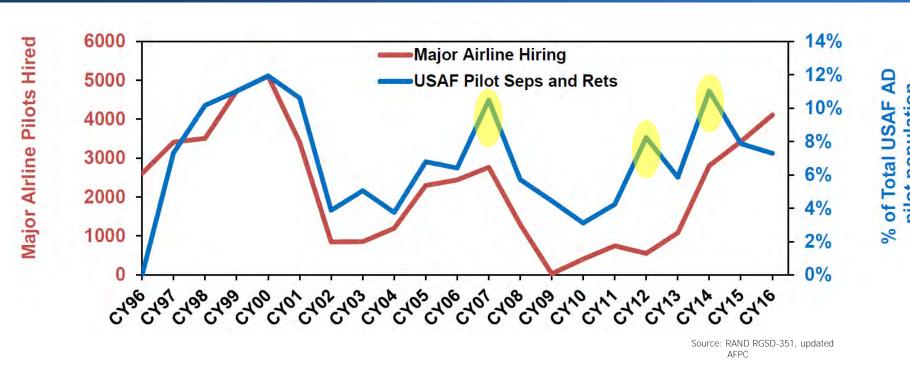


Military pipeline is currently out of equilibrium



USAF AD Losses





Strong statistical relationship between USAF AD losses and Major Airline Hiring





