A0: Fly Aircraft

- Processes & Procedures
  - Regulations

- Noise Factors

Perform Preflight

Aircraft Parked at Origin

Passengers and/or Cargo at Origin

Desired Route

Aircraft Parked at Destination

Aircraft Landed at Destination

Aircraft at Top of Approach

Takeoff Situational Awareness

Preflight Situational Awareness

Aircraft Prepped at Origin

Arrival Situational Awareness

Aircraft Departing Origin

Depart

Preflight Aids

Fly Enroute

Fly Situational Awareness

Aircraft at Top of Approach

Arrival Situational Awareness

Aircraft Landed at Destination

Perform Postflight

Aircraft Parked at Destination

Passengers and/or Cargo at Destination

Squawk List

M1

M2

Pilot

Aircraft Systems

Context

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A1: Perform Preflight

- Processes & Procedures
  - Regulations

I2. Aircraft Parked at Origin
  A11. Develop Flightplan
  A12. Fuel Aircraft
  A13. Complete Interior Check
  A14. Complete Exterior Check
  A15. Load Passengers and/or Cargo
  A16. File Flightplan

I3. Passengers and/or Cargo at Origin
  - Preflight Aids
  M2
  M1

I4. Desired Route
  - Fuel Required
  O1. Original Formal Flight Plan
  O2. Preflight Situational Awareness
  O3. Aircraft Prepped at Origin

I1. Stored Fuel
  Fueled Aircraft at Origin
  Fueled Aircraft at Origin

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Node: C20  Title: A4: Arrive
A5: Perform Postflight

- Perform Engine Shutdown Procedure
- Complete Postflight Checklist
- Secure Aircraft
- Unload Passengers and/or Cargo
- Update Logs

- Arrival Situational Awareness
- Aircraft Landed at Destination

- Pilot
- Aircraft Systems
Aviate, Navigate, Communicate, Manage Systems

- Original Formal Flight Plan
- Regulations
- Procedures
- Pilot Factors
- Aircraft Factors
- Environment Factors

Current Aircraft Location & State

Current Situation Model

A0

New Aircraft Location & State

Updated Situation Model

Pilot

Aircraft Systems

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A0: Aviate, Navigate, Communicate, Manage Systems

Maintain Situational Awareness

Communicate With ATC & Other Pilots

Adapt Flight Plan

Configure Aircraft & Manage Systems

Control Aircraft

- Original Formal Flight Plan
- Procedures
- Environment Factors
- Pilot Factors
- Regulations

Current Aircraft Location & State
A/C Loc & State Info

Updated Situation Model

Current Situation Model

New Aircraft Location & State

Configured & Managed Aircraft

Controlled Aircraft

A/C Loc & State Info

Current Aircraft Location & State

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