

L4-1S LOT 4 DAY FAM SIMULATOR

PUI _____ Date _____

IP _____ Area _____

Notes:

1. PREREQUISITES: Required Academic Events
2. IP Required
3. PUI in left seat
4. Instructional/Familiarization simulator will be flown in the C-2A simulator with the NP2000 and CNS/ATM modification.

Brief:

1. NP2000 Components
2. CNS/ATM Components
3. Cockpit Differences
4. PFD Layout and Scan
5. DCP Utilization
6. CNS/ATM & NP2000 Crew Coordination

Remarks:

Perform the following:

1. Prestart/Startup
2. Ground Emergencies
3. Takeoff Emergencies
4. Prop Emergencies
5. Approach-To-Stalls
6. Ditch
7. VFR Break
8. 0/10/20/30/SSE Landings
9. Full Stop Landings
10. NP2000 Landing Emergencies
11. Airwork
12. Headwork
13. Crew Coordination/CRM
14. Pilot Preparation

Remarks:

Comments:

PUI _____
TRG _____
OPS _____
XO _____
CO _____

IP Signature _____

1 Oct 10

L4-2S LOT 4 DAY ADVANCED INSTRUMENTS SIMULATOR

PUI _____

Date _____

IP _____

Area _____

Notes:

- 1. PREREQUISITES: L4-1S
- 2. IP Required
- 3. PUI in left seat
- 4. Instructional/Familiarization simulator will be flown in the C-2A simulator with the NP2000 and CNS/ATM modification.

Brief:

- 1. CDU 7000/FMS
- 2. Electrical System/UPB
- 3. Electrical Fire/Unknown Origin & Restoration Procedures
- 4. GPS Approach/RAIM
- 5. IBIT

Remarks:

Perform the following:

- 1. Prestart/Startup
- 2. IBIT
- 3. Instrument Scan
- 4. Instrument Departure
- 5. SSE
- 6. TACAN or VOR Approach
- 7. ILS/ACLS/AACS Approach
- 8. System Malfunctions
- 9. Full Stop Landing
- 10. Airwork
- 11. Headwork
- 12. Crew coordination/CRM
- 13. Pilot Preparation

Remarks:

Comments

PUI _____

TRG _____

OPS _____

XO _____

CO _____

IP Signature _____

1 Oct 10

L4-3S LOT 4 ADVANCED INSTRUMENTS SIMULATOR

PUI _____

Date _____

IP _____

Area _____

Notes:

- 1. PREREQUISITES: L4-2S
- 2. IP Required
- 3. PUI in right seat
- 4. Instructional simulator will be flown in the C-2A simulator with the NP2000 and CNS/ATM modification.

Brief:

- 1. ESI
- 2. Partial Panel Approach
- 3. RNP and ANP
- 4. Degraded Navigation

Remarks:

Perform the following:

- 1. Flight Planning
- 2. Flight Plan Entry
- 3. CNS/ATM Utilization
- 4. Cockpit Setup
- 5. Communications
- 6. Headwork/SA
- 7. Crew coordination/CRM
- 8. Pilot Preparedness

Remarks:

Comments:

PUI _____
 TRG _____
 OPS _____
 XO _____
 CO _____

IP Signature _____

L4-4S LOT 4 NIGHT ADVANCED INSTRUMENT SIMULATOR

PUI _____

Date _____

IP _____

Area _____

Notes:

1. PREREQUISITES: L4-3S
2. IP Required
3. PUI in left seat
4. Instructional simulator will be flown in the C-2A simulator with the NP2000 and CNS/ATM modification.

Brief:

1. EGI
2. Alignment Modes
3. EGI Navigation Solutions
4. Overlay Approach

Remarks:

Perform the following:

1. Flight Plan Entry
2. Instrument Scan
3. Instrument Departure
4. Airways Navigation
5. CV-1 Approach
6. Holding
7. ILS/ACLS/AACS Approach
8. GPS Approach
9. PAR Approach
10. Pitot-Static System Malfunctions
11. CDU/EGI/FMS Malfunctions
12. Partial Panel Approach
13. Full Stop Landing
14. Airwork
15. Headwork/SA
16. Crew coordination/CRM
17. Pilot Preparedness

Remarks:

Comments:

PUI _____
TRG _____
OPS _____
XO _____
CO _____

IP Signature _____

L4-5XS LOT 4 CHECK SIMULATOR

PUI _____

Date _____

IP _____

Area _____

Notes:

1. PREREQUISITES: L4-4S
1. IP Required
2. PUI in left seat
3. Partial panel approach may be flown with the precision approach.

Brief:

Remarks:

1. NP2000 or CNS/ATM System _____

Perform the following:

Remarks:

1. Prestart/Startup _____
2. Ground Emergencies _____
3. Takeoff Emergencies _____
4. Prop Emergencies _____
5. CNS/ATM Related
Emergencies _____
6. Approach-To-Stalls _____
7. Ditch _____
8. Partial Panel Approach _____
9. Precision Approach _____
10. Non-Precision Approach _____
11. 0/10/20/30/SSE Landings _____
12. SSE Waveoff _____
13. NP2000 Landing
Emergencies _____
14. Airwork _____
15. Headwork _____
16. Crew Coordination/CRM _____
17. Pilot Preparation _____

Comments:

PUI _____
TRG _____
OPS _____
XO _____
CO _____

IP Signature _____

L4-1 LOT 4 DAY FAM FLIGHT

PUI _____

Date _____

IP _____

Area _____

Notes:

1. PREREQUISITES: L4-2S
2. IP Required
3. PUI in left seat
4. Instructional/Familiarization simulator will be flown in the C-2A simulator with the NP2000 and CNS/ATM modification.
5. PUI shall fly a minimum of 10 daytime landings from the landing pattern

Brief:

Remarks:

1. EPC and Failure Matrix
2. NP2000 EPs/Limits/Failure Modes
3. Full Stop and Crosswind Landings
4. IBIT

Perform the following:

Remarks:

1. Prestart/Startup
2. Aborted Takeoff
3. Approach-To-Stalls
4. Ditch
5. VFR Break
6. 0/10/20/30/SSE Landing Series
7. SSE Waveoff
8. Prop Malfunction Landings
9. Instrument Approach
10. Full Stop Landings
11. Airwork
12. Headwork
13. Crew Coordination/CRM
14. Pilot Preparation

Comments:

PUI _____
TRG _____
OPS _____
XO _____
CO _____

IP Signature _____

1 Oct 10

L4-2 LOT 4 DAY ADVANCED INSTRUMENTS FLIGHT

PUI _____

Date _____

IP _____

Area _____

Notes:

- 1. PREREQUISITES: L4-1
- 2. IP Required
- 3. PUI in left seat
- 4. Recommend flight conducted outside of local flying area

Brief:

- 1. Cockpit/NAV Setup
- 2. Flight Plan Entry
- 3. RNP Fundamentals
- 4. GPS Approach Procedures

Remarks:

Perform the following:

- 1. Instrument Scan
- 2. Instrument Departure
- 3. Airways Navigation
- 4. TACAN Approach
- 5. VOR Approach
- 6. ILS/ACLS/AACS Approach
- 7. GPS Approach
- 8. Airwork
- 9. Headwork/SA
- 10. Crew coordination/CRM
- 11. Pilot Preparedness

Remarks:

Comments:

PUI _____

TRG _____

OPS _____

XO _____

CO _____

IP Signature _____

L4-3 LOT 4 ADVANCED INSTRUMENT FLIGHT

PUI _____ Date _____

IP _____ Area _____

Notes:

1. PREREQUISITES: L4-1
2. IP Required
3. PUI in right seat
4. Utilization of CNS/ATM system as a Copilot

Brief:

1. ARC-210
2. APX-118
3. Miscompare Annunciations
4. CNS/ATM System Degradations

Remarks:

Perform the following:

1. Flight Planning
2. Flight Plan Entry
3. CNS/ATM Utilization
4. Cockpit Setup
5. Communications
6. Headwork/SA
7. Crew coordination/CRM
8. Pilot Preparedness

Remarks:

Comments:

PUI _____
TRG _____
OPS _____
XO _____
CO _____

IP Signature _____

L4-4 LOT 4 NIGHT ADVANCED INSTRUMENT FLIGHT

PUI _____

Date _____

IP _____

Area _____

Notes:

1. PREREQUISITES: L4-2
2. IP Required
3. PUI in left seat
4. PUI shall fly a minimum of 6 ACLS/AACS approaches over the course of the syllabus

Brief:

1. MFD
2. ESI
3. GPS Approach Procedures
4. RNP Fundamentals

Remarks:

Perform the following:

1. Instrument Scan
2. Instrument Departure
3. Airways Navigation
4. TACAN/VOR Approach
5. ILS/ACLS/AACS Approach
6. GPS Approach
7. SSE Approach
8. Partial Panel Approach
9. Airwork
10. Headwork/SA
11. Crew coordination/CRM
12. Pilot Preparedness

Remarks:

Comments:

PUI _____
TRG _____
OPS _____
XO _____
CO _____

IP Signature _____

L4-5X LOT 4 CHECK FLIGHT

PUI _____ Date _____

IP _____ Area _____

Notes:

1. PREREQUISITES: L4-4, L4-5XS
2. IP Required
3. PUI in left seat
4. Brief system that was not briefed in L4-5XS.
5. PUI shall fly a minimum of 6 ACLS/AACS/ILS approaches over the course of the syllabus.
6. Partial panel approach may be combined with precision approach.

Brief:

Remarks:

1. NP2000 or CNS/ATM System _____

Perform the following:

Remarks:

1. Prestart/Startup _____
2. Aborted Takeoff _____
3. VFR Break _____
4. Ditch _____
5. Approach-To-Stalls _____
6. Partial Panel Approach _____
7. Precision Approach _____
8. Non-Precision Approach _____
9. 0/10/20/30/SSE Landings _____
10. SSE Waveoff _____
11. Full Stop Landing _____
12. Airwork _____
13. Headwork _____
14. Crew Coordination/CRM _____
15. Pilot Preparation _____

Comments:

PUI _____
TRG _____
OPS _____
XO _____
CO _____

IP Signature _____