

# Cirrus Recurrent Training

(Cirrus Standardized Instruction Program, CSIP)

Lesson 1 Overview			
Assessment Items/Objectives	C	I	Comments
<p><b><u>Review of Pilot's Experience &amp; Missions</u></b>  <i>(Fill out Pilot Profile)</i>            Total Time; Recent Time; Proficiency; IFR vs VFR;            Mission type; Certificates Held            Last BFR? Last IPC?</p>			Name: _____ Cert: _____ #: _____ Email or Phone: _____
<p><b><u>Single Pilot Resource Management (SRM)</u></b>  <u>Autopilot Usage &amp; Limitations</u>            &gt;400 AGL on takeoff            Until DH or MDA field made or Missed or Until 45° entry to DW            &gt;95 IAS no Flaps; &gt;80 IAS ½ Flaps            When workload requires  <u>Radio Setup; MFD Usage; Cockpit Organization</u></p>			
<p><b><u>Aeronautical Decision Making (ADM)</u></b>  <u>Planning and Risk Analysis</u>            Use or establish WX Minimums Risk Analysis</p>			
<p><b><u>FITS</u></b> (Scenario based training)</p>			
<p><b><u>Review of Syllabus &amp; Flying Plan</u></b>  <u>Lesson 2 and Lesson 3</u>            Overview of what will be covered</p>			
<p><b><u>Checklist Usage</u></b>  <u>Normal; Abnormal; Emergency</u>            Do Lists: Flow and Check; Memory</p>			
<p><b><u>Review of Pilot's "Needs"</u></b>            Incorporate into Session(s)</p>			
<p><b><u>Review of Flight Procedures</u></b>            Collision Avoidance            Handoff of Controls  <u>V Speeds</u>            Vx Vy Vg V1/2f Vff Vpd Vo            Vso Vs Vs30o             Review of Flight Lesson SOP's</p>			

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<b>Lesson 2 Leg 1</b> IFR Automated Leg: Using AP; Use of GPS and VOR's	
<b>Assessment Items/Objectives</b>	<b>Completion/Comments/Notes</b>
<u>Takeoff:</u> Normal or XW <u>Enroute Procedures</u> Heading to Intersect V airway* and/or Heading to Intersect Radial* Unpublished Hold* <u>Arrival/Approach</u> Coupled ILS to Missed approach Hold* <u>Landing</u> Normal or Circle to Land* per SOP	
<b>Lesson 2 Leg 2</b> AP for workload mgmt; Handfly approach; Equipment Failure	
<b>Assessment Items/Objectives</b>	<b>Completion/Comments/Notes</b>
<u>Takeoff:</u> Shortfield <u>Enroute</u> System Failure <u>Arrival/Approach:</u> Handfly GPS Approach to missed hold*	
<b>Lesson 2 Leg 3</b> IFR AP and Handfly; Review Navigation Capabilities: Airwork	
<b>Assessment Items/Objectives</b>	<b>Completion/Comments/Notes</b>
<u>Enroute</u> D→ Weaknesses &/or Pilot Objectives Power On/Power Off Stalls; Steep Turns DME Arc* Inflight "Emergency" Scenario <u>Approach</u> Handfly any VOR approach w. PT* w/o GPS guidance <u>Landing</u> Normal or Circle* to Landing per SOP	
<b>Other/Overall Lesson</b>	
<b>Assessment Items/Objectives</b>	<b>Completion/Comments/Notes</b>
Preflight Briefing & Notams Checklist Usage Cockpit Setup and Organization Collision Avoidance Airspeed Management for Phase of Flight <u>Automation Management</u> *Loading Flight Plan *Loading Approach *Radio Setup & Frequency select *OBS and CDI	
*for IPC IFR Procedures: Compliance & Radio Work	See below per PTS standards

# Cirrus Recurrent Training (CSIP)

Lesson 3 Leg 1 IFR Automated Leg; Using AP; System/Equip Malfunction	
Assessment Items/Objectives	Completion/Comments/Notes
<u>Takeoff:</u> Softfield or No Flap <u>Enroute Procedures:</u> Weaknesses or PT Objectives Intersect Radial or V Airway System Failure <u>Arrival Approach</u> AP coupled approach to land* <u>Landing:</u> Normal or No Flap Landing	
For IPC	(**VOR or LOC if not yet completed)
Lesson 3 Leg 2 Automation; System/Equip Malfunc	
Assessment Items/Objectives	Completion/Comments/Notes
<u>Takeoff:</u> Normal <u>Enroute:</u> D→ AHRS or Lamp Failure Unusual Attitudes* AP GPS Approach* Appropriate Actions Selection of Approach T or Vectors <u>Landing:</u> Normal	
Lesson 3 Leg 3 Abnormal and Emergency Procedures; AP and Handflying	
Assessment Items/Objectives	Completion/Comments/Notes
<u>Enroute</u> D→ Autopilot “approach” Power On/Power Off Stalls TAWS Escape Maneuver AHRS or Lamp Failure <u>Arrival/Approach</u> No AP GPS Approach <u>Landing:</u> Power Off or Normal	
Other/Overall Lesson	
Assessment Items/Objectives	Completion/Comments/Notes
Preflight Briefing & Notmas Checklist Usage Cockpit Setup and Organization Collision Avoidance Airspeed Management <u>Automation Management</u> *Loading Flight Plan *Loading Approach *Radio Setup & Frequency select *OBS and CDI	
*for IPC IFR Procedures: Compliance & Radio Work	See below per PTS standards

To Review Your Aircraft's Specific Systems and Performance; Read your POH, and go here:

[UND Cirrus Site](#) Also review the NEW Cirrus [Flight Operations Manual](#)

 <p>CIRRUS TRAINING GUIDE</p>	<p>SR22 Training Guide Edition 6 Revision 3 May, 2006</p>  <p>This customer training guide which includes the transition training syllabus is accepted by the FAA/Industry Training Standards.</p>	<p>Training Guide <span style="float: right;">Section 4</span></p> <p style="text-align: center;"><b>Section 4</b> <b>Standard Operating Procedures</b> <b>Table of Contents</b></p> <table border="0"><tr><td>4.1</td><td>Introduction .....</td><td>3</td></tr><tr><td>4.2</td><td>Checklists .....</td><td>3</td></tr><tr><td>4.2.1</td><td>Classification of Checklists .....</td><td>3</td></tr><tr><td>4.2.2</td><td>Checklist Completion for Normal Procedures .....</td><td>4</td></tr><tr><td>4.2.3</td><td>Checklist Completion for Abnormal Procedures .....</td><td>5</td></tr><tr><td>4.2.4</td><td>Checklist Completion for Emergency Procedures .....</td><td>5</td></tr><tr><td>4.3</td><td>Single Pilot Operations .....</td><td>5</td></tr><tr><td>4.3.1</td><td>Cockpit Organization .....</td><td>5</td></tr><tr><td>4.3.2</td><td>Aeronautical Charts .....</td><td>5</td></tr><tr><td>4.3.3</td><td>Radio Tuning and Communication .....</td><td>6</td></tr><tr><td>4.3.4</td><td>Autopilot .....</td><td>6</td></tr><tr><td>4.3.5</td><td>Stabilized Approach Criteria .....</td><td>7</td></tr><tr><td>4.3.6</td><td>In-Flight Briefings .....</td><td>8</td></tr><tr><td>4.4</td><td>SR22 Flight Profiles and Avionics Standardization .....</td><td>9</td></tr><tr><td>4.4.1</td><td>Introduction .....</td><td>9</td></tr><tr><td>4.4.2</td><td>Before Starting Engine .....</td><td>10</td></tr><tr><td>4.4.3</td><td>Engine Start .....</td><td>11</td></tr><tr><td>4.4.4</td><td>Before Taxi .....</td><td>11</td></tr><tr><td>4.4.5</td><td>Taxiing .....</td><td>13</td></tr><tr><td>4.4.6</td><td>Before Takeoff .....</td><td>15</td></tr><tr><td>4.4.7</td><td>Takeoff .....</td><td>17</td></tr><tr><td>4.4.8</td><td>Climb .....</td><td>19</td></tr><tr><td>4.4.9</td><td>Cruise .....</td><td>22</td></tr><tr><td>4.4.10</td><td>Descent .....</td><td>25</td></tr><tr><td>4.4.11</td><td>Before Landing .....</td><td>27</td></tr><tr><td>4.4.12</td><td>After Landing .....</td><td>30</td></tr><tr><td>4.4.13</td><td>Shutdown .....</td><td>31</td></tr><tr><td>4.4.14</td><td>Instrument Approach Procedures .....</td><td>32</td></tr><tr><td>4.4.14.1</td><td>ILS Vector to Final .....</td><td>32</td></tr><tr><td>4.4.14.2</td><td>ILS Full Procedure .....</td><td>39</td></tr><tr><td>4.4.14.3</td><td>GPS Vector to Final .....</td><td>46</td></tr><tr><td>4.4.14.4</td><td>GPS Full Procedure .....</td><td>53</td></tr><tr><td>4.4.14.5</td><td>VOR Vector to Final .....</td><td>59</td></tr><tr><td>4.4.14.6</td><td>VOR Full Procedure .....</td><td>65</td></tr><tr><td>4.4.14.7</td><td>GPS Partial Panel .....</td><td>72</td></tr></table>	4.1	Introduction .....	3	4.2	Checklists .....	3	4.2.1	Classification of Checklists .....	3	4.2.2	Checklist Completion for Normal Procedures .....	4	4.2.3	Checklist Completion for Abnormal Procedures .....	5	4.2.4	Checklist Completion for Emergency Procedures .....	5	4.3	Single Pilot Operations .....	5	4.3.1	Cockpit Organization .....	5	4.3.2	Aeronautical Charts .....	5	4.3.3	Radio Tuning and Communication .....	6	4.3.4	Autopilot .....	6	4.3.5	Stabilized Approach Criteria .....	7	4.3.6	In-Flight Briefings .....	8	4.4	SR22 Flight Profiles and Avionics Standardization .....	9	4.4.1	Introduction .....	9	4.4.2	Before Starting Engine .....	10	4.4.3	Engine Start .....	11	4.4.4	Before Taxi .....	11	4.4.5	Taxiing .....	13	4.4.6	Before Takeoff .....	15	4.4.7	Takeoff .....	17	4.4.8	Climb .....	19	4.4.9	Cruise .....	22	4.4.10	Descent .....	25	4.4.11	Before Landing .....	27	4.4.12	After Landing .....	30	4.4.13	Shutdown .....	31	4.4.14	Instrument Approach Procedures .....	32	4.4.14.1	ILS Vector to Final .....	32	4.4.14.2	ILS Full Procedure .....	39	4.4.14.3	GPS Vector to Final .....	46	4.4.14.4	GPS Full Procedure .....	53	4.4.14.5	VOR Vector to Final .....	59	4.4.14.6	VOR Full Procedure .....	65	4.4.14.7	GPS Partial Panel .....	72
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## IPC

**In order for an IPC to be completed satisfactorily, all approaches, holds, course interceptions and other completion objectives as listed below, must be performed to PTS standards**

III C. Holding Procedures

IV B. Unusual Attitudes

V. Intercepting Navigational Systems and DME Arcs

VI. All:

Non Precision Approach with Procedure Turn

Non Precision approach without AP and without radar vectors

Precision Approach

Approach with AP coupled

Missed Approach

Circling Approach

Landing from Approach

VII. ~~B~~, C, D

Approach with Loss of Primary Flight Instrument Indicators

VIII. PostFlight

Checking Instruments and Equipment