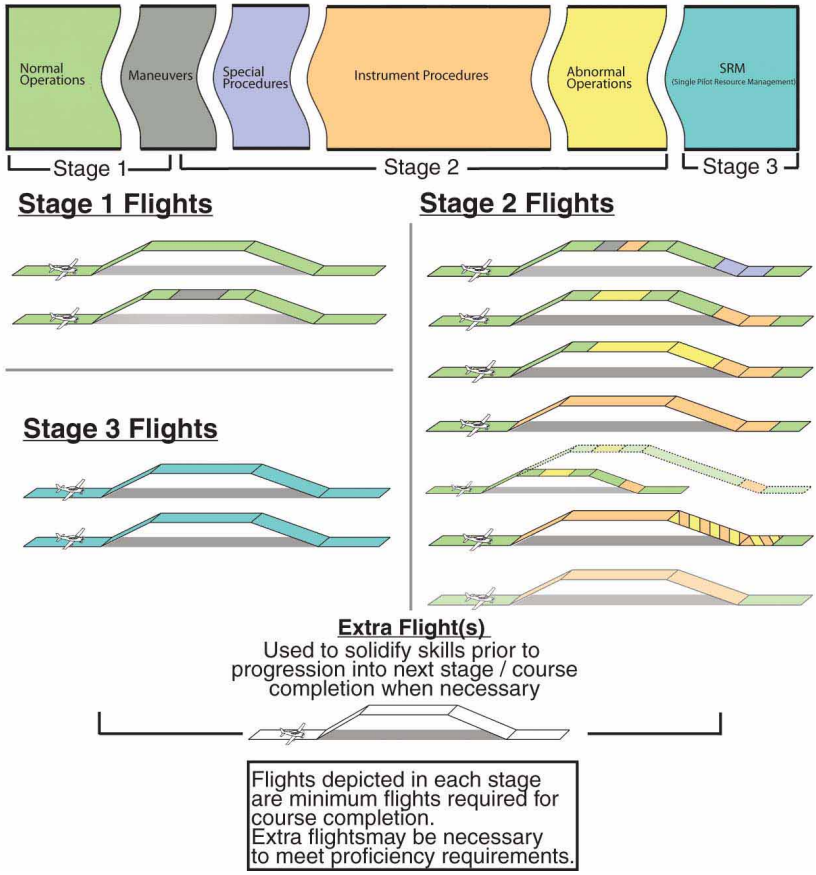
Advanced Transition Training

The Advanced Transition Training course is designed to prepare a proficient instrument-rated pilot for an Instrument Proficiency Check.

Typical course duration is approximately five days.



Advanced Transition Training Requirements

	Flight Time	Ground	X-C Legs	Landings
Course Minimums	8 hrs	NA	9	15
Course Averages	10 hrs	8 hrs	12	20

Advanced Transition Training Course Icons

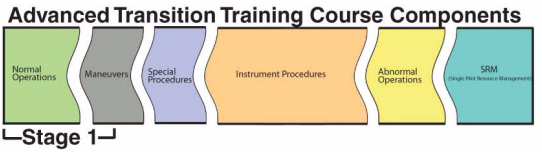
	Ground Briefing • Instructor-led course briefing, systems description, and avionics training.
	Cross-country leg • Cross-country leg required to meet course minimums.
	Traffic Pattern • Traffic pattern and landing practice recommended.
	Maneuvers • Select maneuvers for practice during flight.
	Electrical Malfunction • Alternator failure simulated.
	Inadvertent IMC • Simulated flight into IMC.
	TAWS Escape Maneuver • Simulated terrain evasion maneuver.
	PFD Malfunction • Screen failure, power failure, AHRS failure, ADC failure at the discretion of the instructor.
	Engine Malfunction • Prop governor failure, engine failure, loss of manifold pressure, loss of oil pressure.
	High Altitude Leg • Flight above 12,000 feet if Turbo or Oxygen equipped.
	Simulated CAPS Deployment • Simulated CAPS deployment due to a simulated emergency.
	Open Door • Door open in-flight or left open prior to takeoff.
	Single Pilot Resource Management • Pilot managing flight without instructor assistance using appropriate resources available in flight.

Advanced Transition Training Course Icons

	Scenario Leg • Real-life challenges will be presented to the pilot in a scenario format to challenge SRM and decision-making skills.
	Basic Instrument Skills • Basic attitude instrument flying and unusual attitude recovery.
	ATC Clearances • Practice complying with IFR clearances, including holding, route changes, crossing restrictions, and departure/arrival procedures.
	Navigation Systems • Navigation mode selection, DME arc navigation, GPS, VOR, and LOC/GS tracking.
	Instrument Approach Procedures • IAP covering the number and type of approaches required by IPC standards.
	Simulator Compatible[a] • Flight lesson can be accomplished with a properly equipped simulator or flight training device.

a. Landings, traffic pattern, and maneuvers cannot be counted toward course completion when utilizing a flight training device of flight simulator.
If attempting an IPC, some items may not be attempted in a flight training device or flight simulator unless prior approval from the FAA exists for that specific device.

Stage 1



Stage 1
Stage mins: 2 XC legs
Approx. Flt time: 3 hrs
Approx. Grnd time: 3 hrs

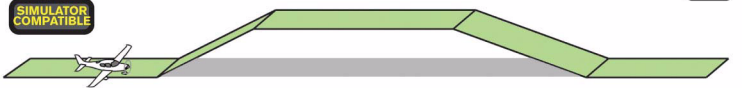
Ground Briefing

- Introduction to the Cirrus Advanced Transition Training course,
- Computer aided systems discussion,
- Avionics procedure training in the aircraft or with computer simulator.

Flight 1

SIMULATOR COMPATIBLE

XC



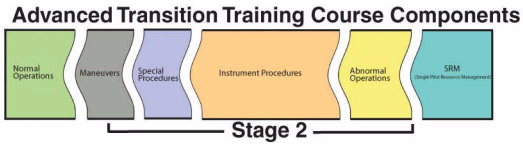
- Introduction to normal IFR cross-country procedures,
- Instructor led/demonstration if necessary,
- Avionics introduction/demonstration,
- Traffic pattern and landing practice.

Flight 2

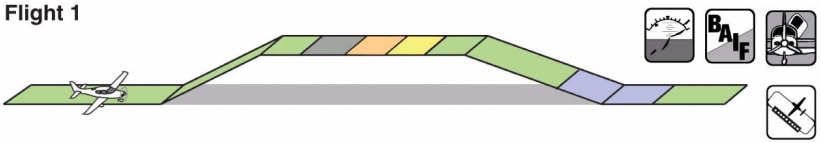
XC

- Continued normal cross-country procedures,
- Continued avionics practice,
- Introduction to aircraft maneuvering,
- Traffic pattern and landing practice,
- Additional cross-country legs if necessary.

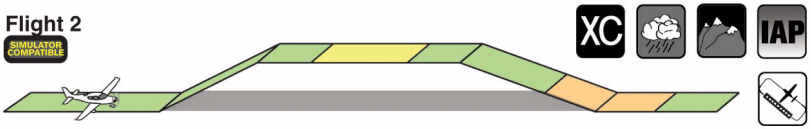
Stage 2



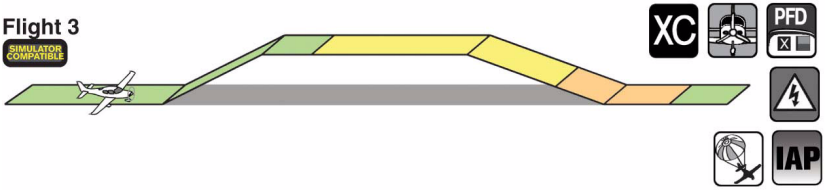
Stage 2
Stage mins: 5 XC legs
Approx. Flt time: 9 hrs
Approx. Grnd time: 4 hrs



- Local area flight,
- Maneuver review and basic instrument skills,
- Open door in flight,
- Non-standard landing configuration practice.

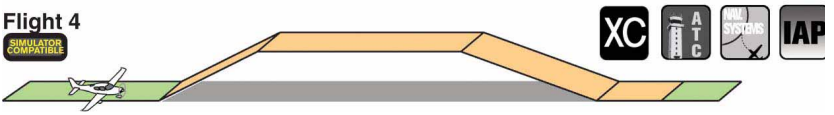


- Cross-country operations continued,
- Inadvertent flight into icing and TAWS escape introduction,
- Introduction to IAPs,
- Landing practice.

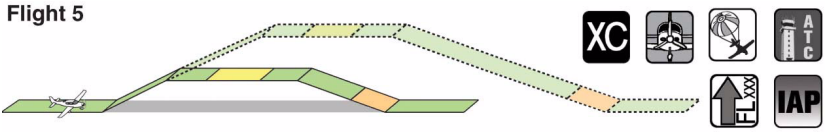


- Cross-country operations,
- Normal IFR operations: IAPs, DPs, and STARs,
- Introduction to DME arcs,

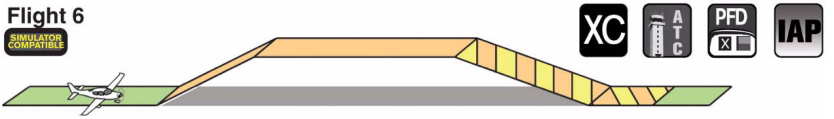
- Introduction to missed approach and holding procedures.



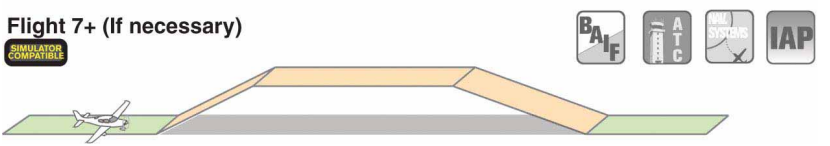
- Cross-country operations continued,
- Normal IFR operations reviewed.



- Cross-country operations continued,
- Introduction to high-altitude flight, if Turbo or Oxygen equipped,
- Engine malfunction (potential CAPS simulation),
- Introduction to crossing restrictions,
- Introduction to circling approaches.



- Cross-country operations continued,
- Victor or jet airway navigation introduction,
- Introduction to IAPs with the loss of the PFD.

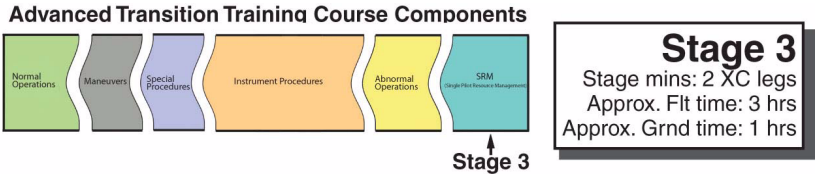


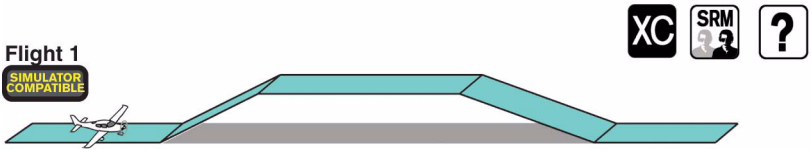
- Review weak items at the discretion of the instructor.

• Note •

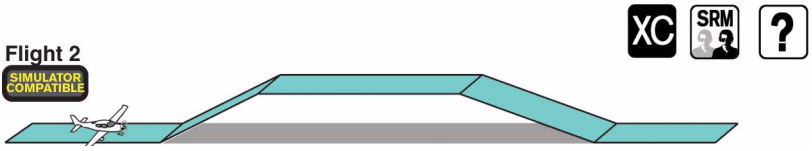
Stage 3 requires SRM legs which requires the pilot to operate without instructor assistance. Review applicable areas before progressing into Stage 3, if applicable.

Stage 3





- Cross-country operations emphasizing SRM,
- Scenario including abnormal procedures and IAPs determined by the instructor.



- Cross-country leg emphasizing SRM,
- Scenario including abnormal procedures and IAPs determined by the instructor,
- All the items in the task list must be completed for course completion, including the IPC,
- Repeat cross-country legs and tasks as required for course completion if necessary.

Advanced Transition Training Task List

Normal Procedures	**Pre-Course Briefing** System, procedures, and limitations brief, avionics intro						
	Pre-Flight Preparations Fuel, WX, W&B, performance planning, pre-flight inspection						
	Engine Start Checklist usage, proper procedure, clearing, monitoring						
	Before Taxi / Taxi Checklist usage, avionics setup, steering/braking procs.						
	Before Takeoff Checklist complete, configuration setup, avionics setup						
	Normal Takeoff Center line tracking, rotation speed, engine monitoring						
	Climb Engine mgt, checklist usage, A/C control, ATC compliance						
	Cruise Leaning/engine mgt, automation mgt, situational awareness						
	Descent Checklist usage, A/C control, arrival planning/briefing						
	Traffic Pattern A/C configuration, altitude/airspeed control (+/-100', 10kts)						
	Normal Landing Stabilized, touchdown on 1st 1/3 of runway at approx stall						
	Crosswind Landing Correct wind drift corrections, smooth/accurate touchdown						
	After Landing / Shutdown Checklists complete, collision avoidance, ATC compliance						

Normal (Cont)	**Avionics Management**						
	MFD, PFD, Com/Nav competence						
	Autopilot Management						
	Proper mode selection/interpretation, engagement procs						

Maneuvers	**Power-off Stalls**						
	Recognition and recovery, A/C control, min loss of altitude						
	Power-on Stalls						
	Recognition and recovery, A/C control, min loss of altitude						
	Autopilot Stall Recognition						
	Recognition and recovery, A/C control, min loss of altitude						
	Slow Flight						
	Control of heading, altitude, airspeed, angle of bank						
	Steep Turns						
	Control of heading, altitude, airspeed, angle of bank						

Special Procedures	**Short-field Takeoff**						
	Proper technique, rotation speed, initial climb speed						
	Short-field Landing						
	Stabilized approach, airspeed and touchdown accuracy						
	50% Flap Landing						
	Proper technique, airspeed control, approach stability						
	0% Flap Landing						
	Proper technique, airspeed control, approach stability						
	Go-around						
	Timely decision, airspeed control, wings level, coordination						

Abnormal Operations	**Electrical Malfunction** Identification, checklist usage, decision making							
	PFD Malfunction Cause of failure identification, A/C control, SRM							
	Engine Malfunction Recognition, checklist procs, A/C control, CAPS awareness							
	Open Door Early detection, A/C control, division of attention							
	Simulated CAPS deployment Timely decision, simulated within altitude/airspeed limits							
	TAWS Escape Timely recognition/response to cautions and warnings							
	Inadvertent IMC / Inadvertent Icing Exited condition, A/C control, proper ATC communication							
SRM	**Sing Pilot Resource Management** Utilize all necessary resources for safe flight outcome							
Basic Instrument	**Basic Attitude Instrument Flying** A/C control while hand flying in simulated or actual IMC							
	Unusual Attitude Recovery Prompt correction from disrupted attitude							

ATC Clearances	**Crossing Restrictions**						
	Avionics usage to comply with crossing restrictions						
	Departure Procedures						
	Avionics setup and usage to comply with the clearance						
	Standards Terminal Arrival						
	Avionics setup and usage to comply with the clearance						
	Victor or Jet Airway						
	Flight plan data entry/modifications, clearance compliance						
	Holding Procedures						
	Correct avionics setup, entry and holding procedures						

Nav Systems	**Intercepting and Tracking Nav Systems**						
	Nav source selection and identification, tracking accuracy						
	DME Arcs						
	Flight plan programming and modifications, tracking accuracy						

Instrument Approach Procedures	**Nonprecision Approach (AP Coupled)**						
	Briefing, loading, activating, stability, clearance compliance						
	Nonprecision Approach (Hand flown from IAF)						
	Briefing, loading, activating, stability, clearance compliance						
	Precision Approach (AP Coupled)						
	Briefing, loading, activating, stability, clearance compliance						
	Precision Approach (Hand flown from IAF)						
	Briefing, loading, activating, stability, clearance compliance						
	Missed Approach						
	Timely decision, A/C control, procedure/clearance comply						

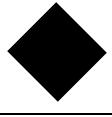
Inst Appr Proc (Cont)							
	Circling Approach						
	Safe maneuvering for landing, stabilized, A/C config control						
	Approach with Loss of Primary Flight Instruments						
	A/C control, ATC notification, use of rev mod/stby instruments						
	Landing from Straight-in or Circling Approach						
	Transition from instr to visual, smooth/accurate touchdown						

Additional Training Requests							

General Flight Guidance	1	2	3	4	5	Your Rating
Years Actively Flying (currency maintained)	>10	6-10	2-5		<2	
Last Recurrent Training Event	<6 Mo		6-12mo		12-24mo	
Certificate Held	ATP or CFI	Com w/IFR	PVT w/IFR	PVT	Student	
Total Time	>2000	1000-2000	750-1000	500-750	<500	
Hours Logged in Last 12 Months	>200	150-200	100-150	50-150	<50	
Hours in Cirrus in Last 90 Days	>50	35-50	25-35	10-25	<10	
Pilot Mishap in Last 24 Months				Incident	Accident	
Cirrus Landings in Last 30 Days	>10	6-9	3-5	1-2	0	
Add 2 points for the following: >65 years old, Not completing Cirrus Transition Training, Time to complete Cirrus Training >30 hours, Time to achieve Private Pilot >100 hours					**TOTAL**	

Pilot Categories
≥ 23 
14 - 22 
≤ 13 

Instrument Flight Guidance	1	2	3	4	5	Your Rating
Years Actively Flying IFR (currency maintained)	> 5		1 - 5		< 1	
Hours Flown IFR in Last 90 days	> 35	25 - 35	10 - 25	5 - 10	< 5	
Simulated/Actual Instrument in Cirrus in Last 90 Days	> 3		1 - 3		< 1	
Autopilot Coupled IAPs in Last 90 Days	> 4		1 - 4		0	
Hand-flown IAP in Last 90 Days	> 2		1		0	
Received Avionics Specific IFR Training from Factory/CSIP/CTC	Yes				No	
Subtract 2 points for completing an avionics specific IPC from CSIP/CTC in last 12 months. Subtract 1 point for when flying with IFR licensed pilot.					**TOTAL**	

Pilot Categories
≥ 19 
8 - 18 
≤ 7 

Personal Weather Minimums Categories

General Flight Guidelines

Current Pilot Capability Category	Wind Limit	VFR Minimums	
	Wind: 15 kts X-wind: 5 kts Max Gust: 5 kts	Day 5000' CEILINGS 10 SM VISIBILITY	Night 5000' CEILINGS 10 SM VISIBILITY
	Wind: 20 kts X-wind: 10 kts Max Gust: 10 kts	Day 3000' CEILINGS 10 SM VISIBILITY	Night 5000' CEILINGS 10 SM VISIBILITY
	Wind: 35 kts X-wind: 20 kts Max Gust: 15 kts	Day 3000' CEILINGS 5 SM VISIBILITY	Night 5000' CEILINGS 10 SM VISIBILITY

Instrument Flight Guidelines

Current Pilot Capability Category	IFR Minimums
	1500' / 3 SM Current Reported Weather
	500' / 2 SM Above Published Approach Minimums
	Published Approach Minimums

Post-Training Instructor Recommendations

(For those recommendations more restrictive than risk assessment values)

Wind Limit

Max Sustained Wind _____ kts

Max X-Wind _____ kts

Max Wind Gust _____ kts

Ceiling / Visibility

	Day	Night
Ceiling	_____ ft	_____ ft
Visibility	_____ sm	_____ sm

IFR Minimums

Increase to Apr. Mins

	Day	Night
Ceiling	+ _____ ft	+ _____ ft
Visibility	+ _____ sm	+ _____ sm

Post Training Instructor Comments

Intentionally Left Blank