

Aeronautical Knowledge Progress Record

Student Name: _____

		Receive Questions	Read	Instructor	Complete
1 - Glider Familiarization					
I	1.1	The Glider †			
	1.2	Flight Manual †			
II	1.3	Documentation †			
2 - Airport Familiarization					
II	2.1	Operating Procedures †			
	2.2	Airport Markings			
	2.3	Airport Lighting			
	2.4	Airport Traffic			
	2.5	Wake Turbulence			
3 - Aerodynamics					
I	3.1	Nomenclature			
	3.2	Three Forces			
	3.3	Airspeed Limits			
	3.4	Turning Flight			
	3.5	Load Factor			
	3.6	Stability			
4 - Performance					
II	4.1	Glide Ratio †			
	4.2	Glider Polars †			
	4.3	Effects of Wind †			
	4.4	Effects of Lift/Sink †			
	4.5	Effects of Wing Loading †			
5 - Flight Instruments and Systems					
I	5.1	The Atmosphere			
	5.2	Primary Instruments			
II	5.3	Secondary Instruments			
	5.4	Other Flight Systems			
6 - Weather for Soaring					
II	6.1	The Atmosphere			
	6.2	Dew Point			
	6.3	Atmospheric Stability			
	6.4	Clouds			
	6.5	Fog			
	6.6	Precipitation			
	6.7	Weather Systems			
	6.8	Describing the Weather			
	6.9	Thermal Soaring Weather †			
	6.10	Ridge Soaring Weather †			
	6.11	Wave Soaring Weather †			
	6.12	Convergence Lift †			
	6.13	Predicting Soaring Weather †			
7 - Aviation Weather Services					
III	7.1	Sources of Weather Services			
	7.2	Weather Briefings			
	7.3	Observations			
	7.4	Forecasts			
	7.5	In-Flight Aviation Weather Advisories			

Completion of Phases I and II required before solo. Items marked † required for transition pilots.

		Read	Review Questions	Instruction	Complete
8 - Medical Factors					
III	8.1	Physiological Issues			
	8.2	Mental Issues			
	8.3	Chemicals			

9 - Regulations					
II	9.1	Definitions and Abbreviations			
	9.2	Maintenance Requirements			
	9.3	Certification of Pilots			
	9.4	General Operating Rules			
III	9.5	Accident Reporting			

10 - Flight Publications					
III	10.1	Federal Aviation Regulations (FARs)			
	10.2	Aeronautical Information Manual (AIM)			
	10.3	Notices to Airmen (NOTAMS)			
	10.4	Airport/Facility Directory (A/FD)			
	10.5	Advisory Circulars (ACs)			

11 - Airspace					
II	11.1	Why Have Airspace?			
	11.2	Controlled Airspace			
	11.3	Uncontrolled Airspace			
III	11.4	Special Use Airspace			
	11.5	Other Airspace			

12 - Aeronautical Charts and Navigation					
III	12.1	Latitude and Longitude			
	12.2	VFR Aeronautical Charts			
	12.3	Reading Aeronautical Charts			
	12.4	Navigation			

13 - Radio Communications					
II	13.1	Radio Technique			
	13.2	Who Are You Talking To?			
	13.3	When to Use the Radio			

14 - Personal Equipment					
II	14.1	Attire for Flying †			
	14.2	Food and Water †			
	14.3	Parachutes †			
	14.4	Survival Gear †			

15 - Cross-Country Soaring					
III	15.1	Glide Slope Management †			
	15.2	Cross-Country Supplies †			
	15.3	Sped-to-Fly Theory †			
	15.4	Getting Started †			
	15.5	Choosing a Route †			
	15.6	Flying the Route †			
	15.7	Off-Field Landing †			
	15.8	Retrieve †			
	15.9	Crew Duties †			

16 - Aeronautical Decision Making					
II	16.1	Situational Awareness			
	16.2	Judgment			
	16.3	Self-Discipline			

Completion of Phases I and II required before solo. Items marked † required for transition pilots.