

Aeronautical Knowledge Progress Record

Student Name: _____

Read *Review Questions* *Instruction* *Complete*

1 - Glider Familiarization

I	1.1	The Glider†				
	1.2	Flight Manual†				
II	1.3	Documentation†				

2 - Airport Familiarization

	2.1	Operating Procedures†				
	2.2	Airport Markings				
II	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

	4.1	Glide Ratio†				
	4.2	Glider Polars†				
II	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

	6.1	The Atmosphere				
	6.2	Dew Point				
	6.3	Atmospheric Stability				
	6.4	Clouds				
	6.5	Fog				
	6.6	Precipitation				
II	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

	7.1	Sources of Weather Services				
	7.2	Weather Briefings				
III	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.