

Aeronautical Knowledge Progress Record

Student Name: _____

		Review Questions Read	Instruction	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 Polar†			
	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			
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				
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.

Review Questions
Read
Instruction
Complete

8 - Medical Factors

	8.1	Physiological Issues					
III	8.2	Mental Issues					
	8.3	Chemicals					

9 - Regulations

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

10 - Flight Publications

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

11 - Airspace

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

12 - Aeronautical Charts and Navigation

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

13 - Radio Communications

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

14 - Personal Equipment

	14.1	Attire for Flying†					
II	14.2	Food and Water†					
	14.3	Parachutes†					
	14.4	Survival Gear†					

15 - Cross-Country Soaring

	15.1	Glide Slope Management†					
	15.2	Cross-Country Supplies†					
	15.3	Speed-to-Fly Theory†					
	15.4	Getting Started†					
III	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

	16.1	Situational Awareness					
II	16.2	Judgment					
	16.3	Self-Discipline					

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