

Aeronautical Knowledge Progress Record

Student Name: _____

	Read	Workbook	Instruction	Complete
1 - Glider Familiarization				
1.1 The Glider**				
1.2 Flight Manual**				
1.3 Documentation**				
2 - Airport Familiarization				
2.1 Operating Procedures**				
2.2 Airport Markings				
2.3 Airport Lighting				
2.4 Airport Traffic				
2.5 Wake Turbulence*				
3 - Aerodynamics				
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†				
4.3 Effects of Wind†				
4.4 Effects of Lift/Sink†				
4.5 Effects of Wing Loading†				
5 - Flight Instruments and Systems				
5.1 The Atmosphere*				
5.2 Primary Instruments*				
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				
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				
7.3 Observations				
7.4 Forecasts				
7.5 In-Flight Aviation Weather Advisories				

Items marked * required before solo. Items marked † required for transition pilots.

8 - Medical Factors

	Read	Workbook	Instruction	Complete
8.1 Physiological Issues				
8.2 Mental Issues				
8.3 Chemicals				

9 - Regulations

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

10 - Flight Publications

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

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

12 - Aeronautical Charts and Navigation

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

13 - Radio Communications

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

14 - Personal Equipment

14.1 Attire for Flying†				
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 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

16.1 Situational Awareness				
16.2 Judgment				
16.3 Self-Discipline				

Items marked * required before solo. Items marked † required for transition pilots.