

# Homework Assignments

GFH: Glider Flying Handbook

HAK: Pilot's Handbook of Aeronautical Knowledge

Holtz, FTM: Flight Training Manual

WS: Warner Springs handout/policy

Initial Training for Beginners			A
Principals of Flight	GFH 1-3	Holtz 1-3	B
Primary Flight Controls	GFH 2	Holtz	C
Trim, Lift, and Drag Devices	GFH 2	Holtz 1	D
Ground Handling	GFH 6	Holtz FTM p12-13, <i>WS Grnd Handling</i>	E
Preflight Inspection	GFH 6	Holtz FTM p14	F
Cockpit Management	GFH 6	Holtz	G
Before Takeoff Check	GFH 6	Holtz FTM 2.1	H
Visual Signals	GFH 7	Holtz FTM 2.2, 3.6, 3.7	I
Normal and Crosswind Takeoff	GFH 7	Holtz FTM 2.2, 2.4	J
Maintaining Tow Positions	GFH 7	Holtz 3	K
Slack Line	GFH 7	Holtz 3.9	L
Boxing the Wake	GFH 7	Holtz 3.8	M
Tow Release	GFH 7	Holtz 3.3, 3.4 +WS soft release	N
Visual Scanning and Collision Avoidance	AC 90-48 C and D		O
Straight Glides	GFH 7	Holtz 4.3, 4.4	P
Minimum Sink Airspeed	GFH 5		Q
Speed to Fly	GFH 5	Holtz HAK 4	R
Turns to Headings	GFH 7		S
Steep Turns	GFH 7	Holtz 4	T
Stall Recognition and Recovery	GFH 7	Holtz 4	U
Maneuvering at Minimum Control Airspeed	GFH 7	Holtz 4	V
Traffic Patterns	GFH 7	Holtz 5	W
Normal and Crosswind Landings	GFH 7	Holtz 6	X
Slips to Landing	GFH 3 & 7	Holtz 5	Y
Downwind Landing	GFH 7	Holtz 6	Z
After Landing and Securing		Holtz 1.8	1
Abnormal Occurrences	GFH 7	Holtz 8, + WS rope brk for dbl rls fail	2
Spins	GFH 7	Holtz 4	3
Recovery from a Spiral Dive	GFH 7	Holtz 8	4
Simulated Off-Airport Landing	GFH 8	Holtz 6 <i>Landing away from the Gliderport, &amp; Landing off field, /WS Landing Off Field</i>	5
Thermal Soaring	GFH 9 & 10	Holtz 7	6
Wave Soaring	GFH 9 & 10	Holtz 7	7
Ridge and Slope Soaring	GFH 10	Holtz 7	8
Operation of Systems	GFH 4	Holtz HAK 5	9
Aeromedical Factors	GFH 1	Holtz HAK 8	10
Airworthiness Requirements	FAR/AIM		11
Glider Weight and Balance	GFH 5	Holtz HAK 1.3	12
Performance and Limitations	GFH 5	Holtz HAK 4	13
Weather Information	GFH 9	Holtz HAK 9	14
Navigation and Flight Planning	GFH 11	Holtz HAK 12 <i>Landing away from the Gliderport, &amp; Landing off field</i>	15
Regulations and Publications	GFH 1	Holtz HAK 9, PTS, GFM, FAR 61,91,830	16

National Airspace System	GFH 11	Holtz 11	17
Certificates and Documents		Holtz HAK 9	18
Logbook Entries and Certificate Endorsements			19
Emergency Equipment and Survival Gear	Holtz HAK 14		20
Assembly	GFH 6		21
Radio communications	Holtz HAK 9		22
Airport Markings and Lighting	FAR/AIM, Holtz HAK 2 FAA , Airport sign & markings QRG		23

# Linked Lessons

Lessons grouped in boxes and connected by red lines share common elements worth studying together.

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Cockpit Management.....	G
Before Takeoff Check.....	H
Visual Signals.....	I
Normal and Crosswind Takeoff.....	J
Maintaining Tow Positions .....	K
Slack Line.....	L
Boxing the Wake .....	M
Tow Release .....	N
Visual Scanning and Collision Avoidance .....	O
→ Straight Glides.....	P
Minimum Sink Airspeed.....	Q
Speed to Fly.....	R
→ Turns to Headings .....	S
Steep Turns .....	T
Stall Recognition and Recovery .....	U
Maneuvering at Minimum Control Airspeed.....	V
Traffic Patterns.....	W
Normal and Crosswind Landings.....	X
Slips to Landing .....	Y
Downwind Landing .....	Z
After Landing and Securing.....	1
→ Abnormal Occurrences .....	2
Spins.....	3
Recovery from a Spiral Dive.....	4
Simulated Off-Airport Landing.....	5
Thermal Soaring .....	6
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Operation of Systems.....	9
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