AWOS EQUIPMENT COURSE: FACTORY TRAINING LESSON SCHEDULE: DAY 1				
TYPE	**TIME**		**ITEM**	**DESCRIPTION**
Discussion	:10			Introductions, Orientation, etc.
Discussion	:10			AWOS overview: Description, purpose, variations
Discussion	:15			AWOS overview: Parameters measured, list of sensors, options
Discussion/Demo	:10			AWOS overview: output options
Discussion/Demo	:15		1190	DCP: overview, description, purpose
Discussion/Demo	:15		2090	CDP: overview, description, purpose
Discussion	:20		2030	Micro-response Anemometer: Description, purpose, theory of operation
Discussion/Demo	:20		2030	Anemometer: Troubleshooting, maintenance, repair, calibration checks
Lab	:30		2030	Anemometer: students hands-on
Discussion	:20		2020	Micro-response vane: Description, purpose, theory of operation
Discussion/Demo	:20		2020	Vane: troubleshooting, maintenance, repair, calibration checks
Lab	:30		2020	Vane: students hands-on
Discussion	:10		8190	Motor-Aspirated Radiation Shield (MARS): Description, purpose, theory of operation
Discussion/Demo	:15		8190	MARS: Troubleshooting, maintenance, repair, functional checks
Lab	:25		8190	MARS: students hands-on
Discussion	:20		5190-D	Temperature/Humidity probe: Description, purpose, theory of operation
Discussion/Demo	:25		5190-D	Temp/RH probe: Troubleshooting, maintenance, repair, functional checks
Lab	:30		5190-D 8190	MARS and Temp/RH probe: students hands-on
Discussion	:10		7190	Barometric Pressure sensor: Description, purpose, theory of operation
Discussion/Demo	:10		7190	BP sensor: Troubleshooting, maintenance, repair, calibration checks
Lab	:20		7190	BP sensor: students hands-on

AWOS EQUIPMENT COURSE: FACTORY TRAINING LESSON SCHEDULE: DAY 2				
TYPE	**TIME**		**ITEM**	**DESCRIPTION**
Discussion	:25		8364-E	Visibility sensor: Description, purpose, theory of operation
Discussion/Demo	:30		8364-E	Visibility: troubleshooting, maintenance, repair, calibration
Lab	:60		8364-E	Visibility: students hands-on
Discussion	:15		8329-A	Ceilometer: Description, purpose, theory of operation
Discussion/Demo	:15		8329-A	Ceilometer: troubleshooting, maintenance, repair, calibration
Lab	:20		8329-A	Ceilometer: students hands-on
Discussion	:15		6021	Rain Gauge: Description, purpose, theory of operation
Discussion/Demo	:15		6021	Rain Gauge: troubleshooting, maintenance, repair, calibration
Lab	:15		6021	Rain Gauge: students hands-on
Discussion	:10		6490	Present Weather Sensor: Description, purpose, theory of operation
Discussion/Demo	:15		6490	PWX: Troubleshooting, maintenance, checks and adjustments
Lab	:20		6490	PWX: Students hands-on
Discussion	:10		20980A	UHF radios: Description, purpose, theory of operation
Discussion/Demo	:15		20980A	UHF Radios: Troubleshooting, maintenance, operation and adjustment
Lab	:20		20980A	UHF Radios: Students hands-on
Discussion	:10		1791	VHF GTA Voice transmitter: Description, purpose, theory of operation
Discussion/Demo	:15		1791	VHF Radio: Troubleshooting, maintenance, operation and adjustment
Lab	:20		1791	VHF Radio: Students hands-on
Discussion	:10		1190	Data Collection Platform (DCP) Description, purpose, theory of operation, description and function of each subassembly
Discussion/Demo	:15		1190	DCP: Troubleshooting, maintenance, repair and operation
Lab	:20		1190	DCP: Students hands-on

AWOS EQUIPMENT COURSE: FACTORY TRAINING LESSON SCHEDULE: DAY 3				
TYPE	**TIME**		**ITEM**	**DESCRIPTION**
Discussion	:10		6500	Thunderstorm sensor: Description, purpose, theory of operation
Discussion/Demo	:10		6500	Thunderstorm sensor: Troubleshooting, maintenance, operation
Lab	:20		6500	Thunderstorm sensor: students hands-on
Discussion	:10		6495	Freezing rain sensor: Description, purpose, theory of operation
Discussion/Demo	:10		6495	Freezing rain: Troubleshooting, maintenance, operation
Lab	:20		6495	Freezing rain: students hands-on
Discussion	:20		2090	Central Data Platform: Description, purpose, theory of operation
Discussion/Demo	:20		2090	CDP: Troubleshooting, maintenance, operation
Lab	:30		2090	CDP: students hands-on
Discussion	:25		903-025	Site Preparation: Objectives, requirements, purpose
Discussion	:25		903-025	Site Preparation: Nature of work, variations between sites
Discussion	:25			AWOS installation: Techniques, objectives, safety
Discussion	:25			AWOS installation: Each sensor / major component
Discussion	:15			AWOS installation: Power and data distribution and connections
Discussion	:15			AWOS installation: Functional checks, calibration, FAA involvement
Discussion/Demo	:30			Operation of AWOS
Lab	:40			AWOS operation: students hands-on
Discussion	:20			Procedures: FAA requirements, emergency procedures
Discussion	:20			AWOS maintenance requirements and schedule

AWOS EQUIPMENT COURSE: FACTORY TRAINING LESSON SCHEDULE: DAY 4				
TYPE	**TIME**		**ITEM**	**DESCRIPTION**
EXAM	:120			50-question multiple choice
Finished	:30			Issue diplomas