							Formula /	
Eval ID	Evaluation Technique	Location/Time	Equipment	Accuracy	Trials	Expected Outcome	Assumptions	Man Hrs
MO-1	4	,	4.1	,		, , , , , , , , , , , , , , , , , , ,		
MO-1-1	Conduct driving maneuvers from a distance > 300 feet	Ranch / Apr-30	Measuring Tape	3 ft	15 min	500 ft	Line of Sight	2.5
MO-1-2	Conduct blind spot analysis of the LIDAR and cameras	SCU / Apr- 20	Mesuring Tape, Poles, String	10 deg	3	300 deg	-	5
MO-1-3	Measure time for an event to be viewed on camera	SCU / Apr- 20	Stopwatch	0.2 s	10	0.5 s	Within 300 ft	3
MO-1-4	Subjective	SCU / May-2	Computer	N/A	Continuous	-	-	
MO-1-5	Measure time between command and vehicle response	Ranch / Apr-30	Stopwatch	0.2 s	10	0.5 s	Within 1000ft	5
	Test all emergency stop buttons on the vehicle and software							
MO-1-6	emergency stops	Completed	N/A	N/A	3	Full Stop	-	5
MO-2								
MO-2-1	Test driving with multiple people and gear	Ranch / Apr-30	Hay Bale	20 lbs	1 15 15 15 15 15 15 15 15 15 15 15 15 15	No failure	Distributed Load	
MO-2-2	Test driving with manual override features	Completed	N/A	N/A	15 min	No issues	Slow Speeds	2.5
MO-2-3	Evaluate off-road driving performance during field testing	Ranch / Apr-30	N/A	N/A	30 min	No issues	Slow Speeds	5
MO-3								
140.2.4		Consulated	Oak and Sastana	4.61	_	Desire control of the control of	Static	
MO-3-1	Generate static point cloud images during field testing	Completed	Onboard Systems	1 ft	5	Decipherable graphic	environment	3
MO-3-2	Conduct blind spot analysis of the LIDAR and cameras	SCU / Apr- 20	Onboard Systems	10 deg	3	350 deg	- Static	
MO-3-3	Save maps generated during field testing	Completed	Onboard Systems	N/A	3	Decipherable graphic	environment	
1010-3-3	Save maps generated during near testing	Completed	Onboard Systems,	IN/A	3	Decipherable graphic	Static	
MO-3-4	Field testing, measure latency	Completed	stopwatch	1 ft , 0.2 s	15 min	Obstacle Identificaiton	environment	
MO-4								
10.4	Subject vehicle to smoke (at a safe distance) and evaluate						Homogenous	
MO-4-1	expected response	Ranch / Apr-30	Controlled Fire / Test Gas	0.1 ppm	5	0.1 ppm	smoke field	
	Same as above, testable for all gases but equipment not	1.0110117710100	controlled in cy rest eas	0.1 pp		0.2 pp	Homogenous	
MO-4-2	available/ too expensive	Ranch / Apr-30	Controlled Fire / Test Gas	50 ppm	5	50 ppm	environment	
	Compare to measured quantities to safety thresholds during	, , ,	, , , , , , , , , , , , , , , , , , , ,	1 1			Homogenous	
MO-4-3	field testing	Ranch / Apr-30	Controlled Fire / Test Gas	50 ppm	5	50 ppm	environment	5
	, <u></u>	, , ,	Handheld thermometer/	1			Accurate	
MO-4-4	Compare measurements to known weather measurements	SCU / Apr-15	Hygrometer	3 C , 5%	5	1 C, 5 %	comparators	5
	·		7.0	· ·		Consistent info within	Homogenous	
MO-4-5	Compare output of 3 units	Ranch / Apr-30	N/A	N/A	5	10%	environment	
MO-4-6	Design Req	SCU / May-2	Computer	N/A	Continuous	-	-	
MO-4-7	Measure time between stimulation and UI response	SCU / May-2	Stopwatch	0.2 s	10	2 s	Within 300 ft	. 3
							Homogenous	
MO-4-8	Evaluate subjectively during field testing	Ranch / Apr-30	N/A	N/A	5	No issues	environment	3
MO-5								
140 5 4	Davis Bar	CCU / N	Community	21/2	6	name and	Subjective, large	
MO-5-1	Design Req	SCU / May-2	Computer	N/A	Continuous	Requirement Met	display	
N40 F 3	Design Box	CCLL / Marin 3	Communitari	N1 / A	Combin	Damiliana arch 8 fint	Subjective, large	
MO-5-2	Design Req	SCU / May-2	Computer	N/A	Continuous	Requirement Met	display	
	1	1	1	1	1	İ	Subjective, large	1
MO-5-3	Design Req	SCU / May-2	Computer	N/A	Continuous	Requirement Met	display	3