

SET-UP SHEET

XRAY X12

RACE	XRAY Challenge Italy	
TRACK	RC Landia	

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DATE	10/04/2013	
TEMPERATURE / °F or °C	AIR	TRACK

QUALIFYING POSITION	BEST LAPTIME / sec	FINAL POSITION	RACE LENGTH / minutes
1	12.0	1	8

TRACK CONDITION	☒ CARPET	☐ ASPHALT
	☐ TECHNICAL	☒ MIXED
	☐ FAST	
TRACTION		
	☐ LOW	☒ MEDIUM
	☐ HIGH	

CENTER SHOCK ABSORBER			
SPRING	Gold	OIL / cSt	550
		REBOUND%	50

SIDE LINKAGES	
OIL / cSt	6K

FRONT		REAR
Gravity RC Soft	TIRES	Gravity RC Soft
40.5	DIAMETER/mm	41.5
AME	ADDITIVE	AME
10	ADDITIVE timing	20

FRONT LEFT	FRONT RIGHT	ADDITIVE TREATED AREA	REAR LEFT	REAR RIGHT

TRANSMISSION	
DIFF SETTING	
☐ LOOSE	☐ MEDIUM
☒ TIGHT	☐

PINION / T	27	SPUR GEAR/T	96
FINAL DRIVE RATIO	3.55555555555556	ROLLOUT	36.6496875

MOTOR	
BRAND	ORCA RX
TURN	4.5T
ROTOR	12.5
TIMING	0

ESC	ORCA VX	
ESC SETTING	PROGRAM	PUNCH
	INITIAL BRAKE	AUTO BRAKE
	8	3%
BATTERIES	ORCA INFINITE 6500 80C	
BODY	AMR-12 Protoform	

FRONT	SHOCK ABSORBER	POD PLANE
SHIMS	SHIMS	UNLOADED
4.5 / mm	/ mm	LOADED
4	RIDE HEIGHT /mm	4
	MID RIDE HEIGHT /mm	4
	RIDE HEIGHT /mm	4.2

FRONT	REAR
CASTER	RIDE HEIGHT
2mm ☒ 1mm ☐ 0.5mm ☐ 0mm ☐	5% ☐ 2% ☐ 1% ☐ 0.5% ☐ 0% ☐ 0.5% ☐ 1% ☐ 1.5% ☐ 2% ☐ 2.5% ☐
REACTIVE CASTER	SIDE SPRING
☐ ☒ ☐	SM .020
RIDE HEIGHT SHIMS	
0 / mm	

FRONT	FRONT	REAR
SHIMS	SHIMS	SHIMS
2 / mm	0 / mm	0 / mm
SHIMS	SHIMS	SHIMS
0 / mm	0 / mm	0 / mm
SHIMS	SHIMS	SHIMS
0 / mm	0 / mm	0 / mm
SPRINGS	SPRINGS	SPRINGS
☐ GOLD C=3.5	☐ SILVER C=4.0	☐ BLACK C=5.0
☐ GREY C=6.0	☐ OTHER AE .022	☐ OTHER AE .022
CAMBER / degr.	CAMBER / degr.	CAMBER / degr.
1.5	1.5	1.5

TOE / degr.	SERVO POSITION	SHIMS
OUT 1	RIGHT ☒ LEFT ☐	/ mm
ACKERMANN	SHIMS	SHIMS
SHIMS /mm	/mm	/mm
BRACE	BRACE	BRACE
GRAPHITE ☐	GRAPHITE ☐	GRAPHITE ☐
ALU ☐	ALU ☐	ALU ☐
OTHER	OTHER	OTHER
FRONT WIDTH SHIM	LINKAGE POSITION	CHASSIS
/mm	2 0 0 2 1 0 1	STANDARD ☒ OTHER
REAR WIDTH SHIM	REAR WIDTH SHIM	REAR WIDTH SHIM
0.5 /mm	0.5 /mm	0.5 /mm

COMMENTS
1.5mm drop in rear pod
Rear width 171mm
6K front kingpin lube
Upper arms longer by 1.5mm, used shims on the inside
Speedmerchant linear side springs