	Please read thr		the notes - choose	tion Planning which options and pieces y	ou want fabricated for		
			your m				
			Last updated:  Useful I  hackaday.io p  Design Githut  Electronics Gith	inks: roject page repository			
Component	Quantity	Status	Status Comment	Material	Fabrication	Notes	File
LOWER STAGE		(ready/ in progress/ issue)	- Commont				https://github.com/Dobat/Ced/F-1A-v/likes/main/louger-atogs
Base (Option A)	1			Aluminum 1/8"	Waterjet		https://github.com/RobotGrrl/EJA_v2/blob/main/lower_stage/lower_stage_base.dxf
Base (Option B)	1			Delrin 1/8"	Shopbot		https://github.com/RobotGrif/EJA_v2/blob/main/lower_stage/lower_stage_base.dxf
	12			Rubber 1/8"			
Rubber bumpers Stands	6			Nylon	Laser cutting 3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/lower_stage/lower_stage_bumper.dxf https://github.com/RobotGrrl/EJA_v2/blob/main/lower_stage/stand.stl
				•			
Washers (Option A)	20			Aluminum 1/8"	Waterjet		https://github.com/RobotGrrl/EJA_v2/blob/main/lower_stage_lower_stage_washer.dxf
Washers (Option B)	20			Delrin 1/8"	Shopbot		https://github.com/RobotGrrl/EJA_v2/blob/main/lower_stage/lower_stage_washer.dxf
Ballast (1/2 in) — Not needed	1			Aluminum 1/2"	Waterjet	Unused based on Field Test results Based on 2" stock Estimated mass = 247.117 g	https://github.com/RobotGrrl/EJA_v2/blob/main/lower_stage/ballast.dxf
Ballast (1/4 in) — Not needed	2			Aluminum 1/4"	Waterjet	Unused based on Field Test results Based on 2" stock	https://github.com/RobotGrrl/EJA_v2/blob/main/lower_stage/ballast.dxf
Ballast (1/8 in) — Not needed	6			Aluminum 1/8"	Waterjet	Unused based on Field Test results Based on 2" stock	https://github.com/RobotGrrl/EJA_v2/blob/main/lower_stage/ballast.dxf
BASE STAGE							https://github.com/RobotGrrl/EJA_v2/tree/main/base_stage
Rotor	2			Aluminum	Tormach		https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/rotor.stl
GoPro — Not needed	1			Aluminum	Tormach		https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/gopro.stl
Base (Option A)	1			Aluminum 1/8"	Waterjet		https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/base.dxf
Base (Option B)	4			Delrin 1/8"	Shopbot		https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/base.dxf
HDPE Handle	2			HDPE 3/8" or 1/4"	Shopbot		https://github.com/RobotGrrl/EJA v2/blob/main/base stage/hdpe handle.dxf
Sleeve	2			Delrin 1/8"	Shopbot		https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/sleeve.dxf
Arm	2			Delrin 1/8"	Shopbot		https://github.com/RobotGrrl/EJA v2/blob/main/base stage/arm.dxf
Clasp (Option A)	4			Delrin 1/8"	Shopbot		https://github.com/RobotGrrl/EJA v2/blob/main/base_stage/clasp.dxf
Clasp (Option B)	4			Aluminum 1/8"	Waterjet		https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/clasp.dxf
Holder	1			PLA-PHA	3D Printing		https://github.com/RobotGrn/EJA_v2/blob/main/base_stage/rolasp.dxi
Holder Mirror	1			PLA-PHA	3D Printing		https://qithub.com/RobotGrif/EJA_v2/blob/main/base_stage/holder_mirror.stl
	2				_	Coing with Nules, sould also go with ACA	
Sleeve-Base Bracket				Nylon	3D Printing	Going with Nylon, could also go with ASA	https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/sleeve_base_bracket.stl
Spool Holder	1			Nylon / PLA	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/spool_holder.stl
Spool Holder Mirror	1			Nylon / PLA	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/spool_holder_mirror.stl
Bumpers	18			Rubber 1/8"	Laser cutting	T	https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/bumper.dxf
Rubber L — 10 cm	1			Rubber 1/8"	Laser cutting	The one used in Field Test model was 10 cm These are in increments of 3 mm The one used in Field Test model was 13.2	https://github.com/RobotGrri/EJA_v2/blob/main/base_stage/large_rubber_belt_array.dxf
Bubbar B 12.2 am	1			Bubbor 1/9"	Lacor outting	CM Those are in increments of 2 mm	https://github.com/PobatCrrl/E-IA_v2/blob/main/boss_stage/small_wikhos_belt_array_d-f
Rubber R — 13.2 cm Holder Foam	1			Rubber 1/8" Foam	Laser cutting	These are in increments of 3 mm  https://www.mcmaster.com/7503N61/	https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/small_rubber_belt_array.dxf  https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/holder_foam.dxf
Rope guide (Option A)	1			Nylon	Laser cutting  3D Printing	This is the option that was used on the Field Test model	https://github.com/RobotGrn/EJA_v2/blob/main/base_stage/noider_roam.dxt
Rope guide (Option B)	1			Polycarbonate 1/4"	Waterjet	Requires 2x 90 degree bends	https://github.com/RobotGrrl/EJA v2/blob/main/base stage/rope guide unfolded.dxf
Rope guide (Option C)	1			Acrylic 1/4"	Laser cutting	Requires 2x 90 degree bends	https://github.com/RobotGrrl/EJA v2/blob/main/base stage/rope guide unfolded.dxf
Washers	0			Aluminum 1/8"	Waterjet	All washers are included in lower stage	https://github.com/RobotGrrl/EJA_v2/blob/main/base_stage/washer.dxf
DECK STAGE							https://github.com/Dobat/Crel/ETA v//https://github.com/Dobat/Crel/ETA v//https://git
Base	1			Wood 1/2"	Shopbot	Engravings / pockets on both sides	https://github.com/RobotGrrl/EJA_v2/tree/main/deck_stage https://github.com/RobotGrrl/EJA_v2/blob/main/deck_stage/deck_stage_base.stl
Daoc	ı			VV000 1/2	Gilopbot	Englavings / pockets on both sides	Integranding Commission of the Carlo Commission of the
EXTERNAL BUOY				Mida	OD Deierlie		https://github.com/RobotGrrl/EJA_v2/tree/main/external_buoy
Clamp	2			Nylon	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/external_buoy/clamp_A4.stl

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			Useful hackaday.io Design Githu Electronics Git	Links: project page ib repository			
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Foam — Not used	1			Foam	Laser cutting	Used electrical tape around buoy in Field Test version Same foam as Base stage (https://www.mcmaster.com/7503N61/)	https://github.com/RobotGrrl/EJA_v2/blob/main/external_buoy/foam.dxf
Handle	1			Aluminum 1/4"	Waterjet		https://github.com/RobotGrrl/EJA_v2/blob/main/external_buoy/handle.dxf
INTERNAL BUOY							https://github.com/RobotGrrl/EJA_v2/tree/main/internal_buoy
Bracket (Option A)	1			Aluminum 1/8"	Waterjet	Requires 1x 90 degree bend	https://github.com/RobotGrrl/EJA_v2/blob/main/internal_buoy/metal_bracket_unfolded.dxf
Bracket (Option B)	1			PLA-PHA	3D Printing	Trequires 1x 50 degree bend	https://github.com/RobotGrrl/EJA v2/blob/main/internal buoy/metal bracket.stl
O-ring (Option A)	1			Nylon	3D Printing		https://github.com/RobotGrrl/EJA v2/blob/main/internal_buoy/o-ring A5.stl
O-ring (Option B)	1			HDPE / Delrin	Tormach		https://github.com/RobotGrrl/EJA v2/blob/main/internal buoy/o-ring milled.stl
O-ring Jig (Option B)	1			Anything 1/8"	Waterjet or Laser	This is a jig to align the mounting holes for the o-ring milled option	https://github.com/RobotGrrl/EJA_v2/blob/main/internal_buoy/o-ring_1:8_internal_milled_jig.dxf
EXTERNAL WIPER							https://github.com/RobotGrrl/EJA_v2/tree/main/external_wiper
Seatbelt	1			Nylon	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/external_wiper/seatbelt.stl
Metal	1			Aluminum 1/8"	Waterjet	Requires 2x 90 degree bends	https://github.com/RobotGrrl/EJA_v2/blob/main/external_wiper/metal_unfolded.dxf
Magnet holder	1			PLA-PHA	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/magnet_holders/external_magnet_holder.stl
Cap	1			Nylon	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/external_wiper/cap.stl
Gasket	1			Rubber 1/16"	Laser cutting	https://www.mcmaster.com/86215K12/	https://github.com/RobotGrrl/EJA_v2/blob/main/external_wiper/gasket.dxf
SERVO MODULE							https://github.com/RobotGrrl/EJA_v2/tree/main/servo_module
Please use v1	1			PLA-PHA	3D Printing	v1 is stable, wheras v2 needs some modifications to work. There are 5 pieces to print in v1	https://aithub.com/RobotGrrl/EJA v2/tree/main/servo module/v1
Bracket front	1			PLA-PHA	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/servo_module/bracket_front.stl
Bracket back	1			PLA-PHA	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/servo_module/bracket_back.stl
Bracket key	1			PLA-PHA	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/servo_module/bracket_key.stl
Bracket mate	1			PLA-PHA	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/servo_module/bracket_mate.stl
Bracket mount	1			PLA-PHA	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/servo_module/bracket_mount.stl
							W W W L
INTERNAL WIPER	_			DIA DIIA	0D D : #		https://github.com/RobotGrrl/EJA_v2/tree/main/internal_wiper
Magnet holder	1			PLA-PHA	3D Printing		https://github.com/RobotGrrl/EJA_v2/blob/main/magnet_holders/internal_magnet_holder.stl
Brace — Not used	1			PLA-PHA	3D Printing	Deguiros 1y 00 degres 5 1	https://github.com/RobotGrrl/EJA_v2/blob/main/internal_wiper/brace.stl
Metal wiper A	1			Aluminum 1/8"	Waterjet	Requires 1x 90 degree bend  Requires 1x 90 degree bend	https://github.com/RobotGrrl/EJA_v2/blob/main/internal_wiper/metal_wiper_a.dxf
Metal wiper B — Use this one!	1			Aluminum 1/8"	Waterjet		https://github.com/RobotGrrl/EJA_v2/blob/main/internal_wiper/metal_wiper_b.dxf
Metal wiper C	1			Aluminum 1/8"	Waterjet	Requires 1x 90 degree bend	https://github.com/RobotGrrl/EJA_v2/blob/main/internal_wiper/metal_wiper_c.dxf
Metal wiper D	1			Aluminum 1/8"	Waterjet	Requires 1x 90 degree bend	https://github.com/RobotGrrl/EJA_v2/blob/main/internal_wiper/metal_wiper_d.dxf
Metal wiper E	1			Aluminum 1/8"	Waterjet	Requires 1x 90 degree bend	https://github.com/RobotGrrl/EJA_v2/blob/main/internal_wiper/metal_wiper_e.dxf