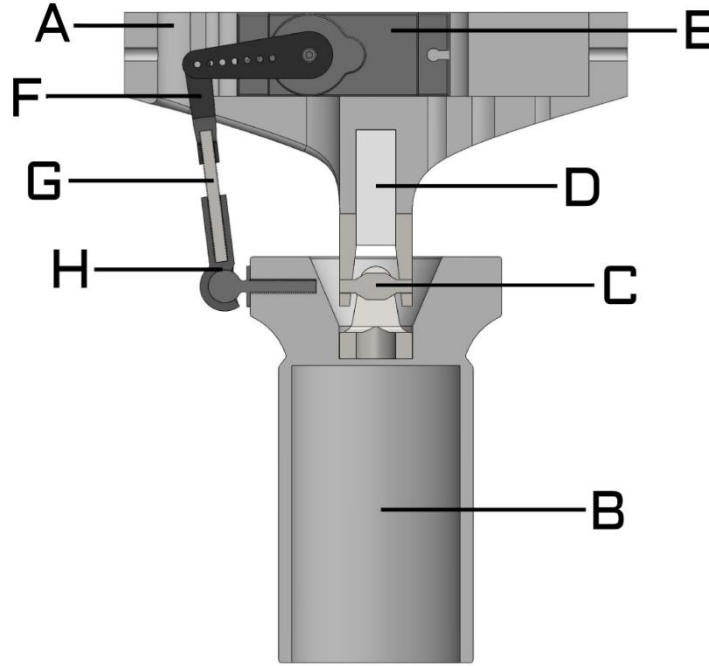


Orion Aerospace TVCV3

Components

Cross Section:



Key	Part	Quantity	Hyperlink	Notes
A	TVCV3 Frame	1	N/A	CAD file and STL in folder
B	TVCV3 Motor Mount	1	N/A	CAD file and STL in folder
C	6mm-6mm Universal Joint	1	https://www.amazon.com/Universal-Coupler-Steering-Airplane-Helicopter/dp/B07YNS7M5T/ref=sr_1_4?dchild=1&keywords=6mm+x+6mm+universal+joint&qid=1586377145&sr=8-4	Must be glued into TVCV3 Motor Mount
D	6mm Alluminum Rod	1	https://www.amazon.com/uxcell-200mm-Length-Round-Shaft/dp/B01MSSMO8M/ref=sr_1_3?dchild=1&keywords=6mm+x+100mm+aluminum+rod&qid=1586377250&sr=8-3	Must be cut to 17.50mm and glued into TVCV3 Frame
E	MG-90 Micro Servo/Included Servo Horn	2	https://www.amazon.com/Arduino-Servo-Motors-Walking-Control/dp/B082S3F2QQ/ref=sr_1_11?crid=H7N3MS3H6RPS&dchild=1&keywords=mq90+servo&qid=1586380756&srefix=mq90+%2Caps%2C247&sr=8-11	All necessary screws should be included with servos
F	4-40 Hobby Clevis	2	https://www.towerhobbies.com/cgi-bin/wti0001p?i=SUULQ3128	N/A
G	4-40 Threaded Rod	2	https://www.dubro.com/products/4-40-stainless-steel-fully-threaded-rods-12-305mm?_pos=7&_sid=152164d25&_ss=	Must be cut to 20.00mm
H	DuBro 4-40 Ball Linkage	2	https://www.dubro.com/collections/ball-links/products/heavy-duty-4-40-ball-link	N/A