

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	VULTURE A BRACKET-1	
2	1	2458K351_LUBRICATION-FREE BALL JOINT ROD END	
3	1	98306A328_1004-1045 CARBON STEEL CLEVIS PIN	
4	1	90520A106_1004-1045 CARBON STEEL COTTER PINS	
5	1	DOUBLE ANCHOR SWIVEL CONNECTOR V2	
6	1	DOUBLE BEARING CLEVIS SWIVEL 316	
7	1	92150A128_MIL. SPEC. WASHER	
8	1	92150A128_MIL. SPEC. WASHER (1)	
9	2	SHACKLE BUSHING 3/8	ASA OR NYLON 6/6
10	1	ARMATURE 3.0 - VULTURE_ROD	2 FT. SECTION 7/16-20
11	1	95505A614_MEDIUM-STRENGTH STEEL HEX NUT (2)	
12	1	ARMATURE 3.0 - VULTURE	
13	1	VULTURE - SURFACES - CLEAN	

UNLESS OTHERWISE SPECIFIED
DIM ARE IN INCHES
TOL ON ANGLE 5
BEND TOL 2
X/X 1/16 2 PL .03 3 PL .010
INTERPRET DIM AND TOL PER
ASME Y 14.5M

	DATE
DRN: Donald Carek	3/6/2023
CHK:	
QA:	
APR:	

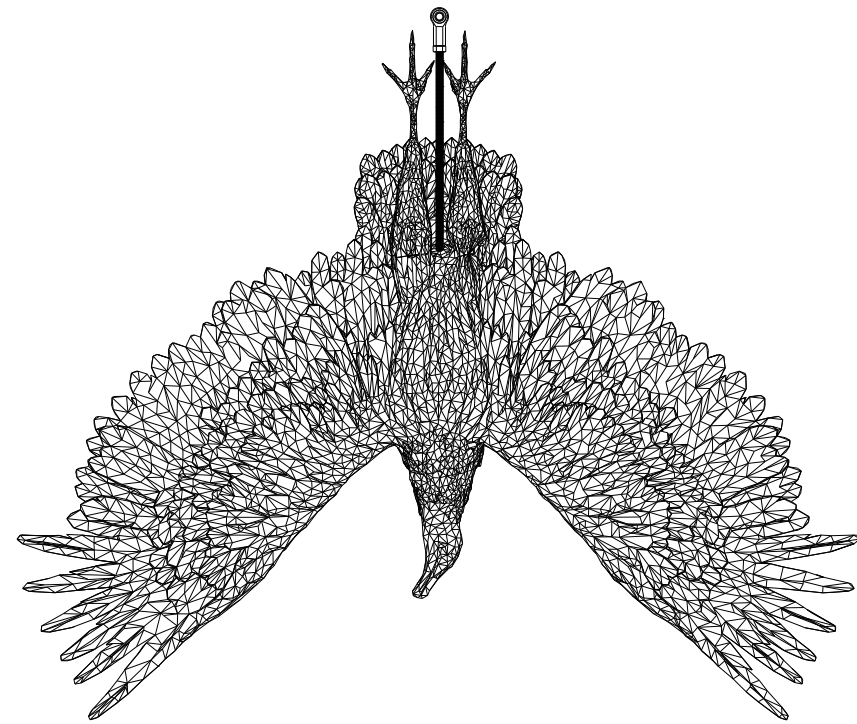


TITLE
A Frame with Standard Vulture

US Pat. 10,701,927 B2
US Pat. 11,766,037 B2
US Pat. 12,329,145 B2

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SIZE	STOCK NO	DWG NO	REV
B		5002.1	2
SCALE 1:18		WEIGHT	SHEET 1/2



Bodies (Vulture)		
Area	2177.667 in ²	
Density	0.22 ouncemass / in ³	
Mass	271.872 ouncemass	
Volume	1235.782 in ³	
Physical Material	Polyethylene, Low Density	
Appearance	Surface - Matte	
Bounding Box		
	Length	52.678 in
	Width	43.096 in
	Height	6.60 in
Center of Mass	1.012 in, 8.053 in, 19.887 in	
Moment of Inertia at Center of Mass (ouncemass in ²)		
	Ixx = 1.353E+05	
	Ixy = -2166.918	
	Ixz = -5472.706	
	Iyx = -2166.918	
	Iyy = 1.297E+05	
	Iyz = -43345.656	
	Izx = -5472.706	
	Izy = -43345.656	
	Izz = 49441.542	
Moment of Inertia at Origin (ouncemass in ²)		
	Ixx = 1.362E+05	
	Ixy = -2182.962	
	Ixz = -5471.711	
	Iyx = -2182.962	
	Iyy = 1.297E+05	
	Iyz = -43290.127	
	Izx = -5471.711	
	Izy = -43290.127	
	Izz = 50337.549	