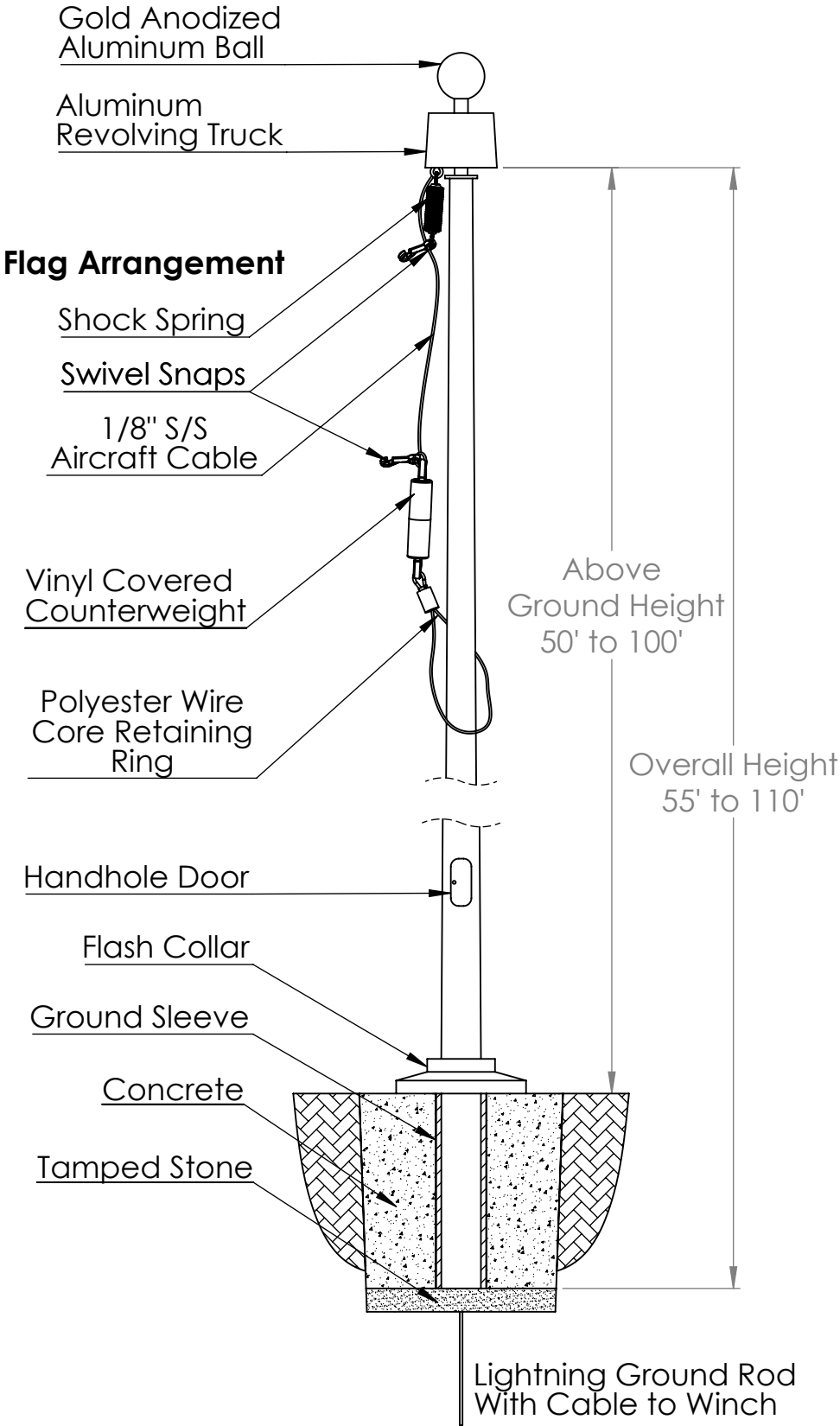
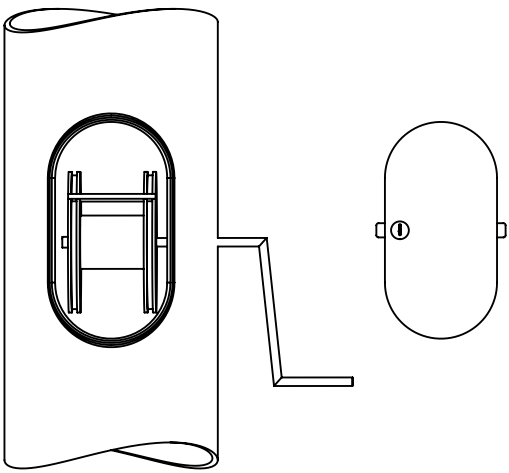


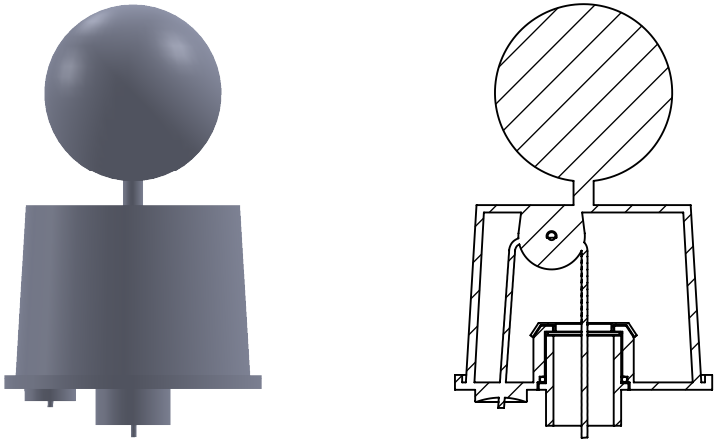
Aeolus Series  
Internal Ground Set  
50I-100I



Internal Winch and Handhole Door



Aluminum Revolving Truck



Specifications and Accessories

Model	50I	60I	70I	80I	90I	100I
Above Ground Height	50'	60'	70'	80'	90'	100'
Overall Height	55'	66'	77'	88'	99'	110'
Butt Diameter	10"	10.5"	16"	16.5"	17"	17.5"
Top Diameter	4.5"	4.5"	7"	7"	7"	7"
Pole Weight (lbs)	325	480	807	1108	1637	2086
Shipping Weight (lbs)	577	776	1336	1648	2315	2830
Ground Sleeve I.D.	14"	14"	21"	21"	21"	21"
Ground Sleeve Length	5'	6'	7'	8"	9"	10'
Ball Diameter	10"	10"	12"	12"	12"	12"
Halyard	S/S Cable	S/S Cable	S/S Cable	S/S Cable	S/S Cable	S/S Cable
Flash Collar	23"	23"	30"	30"	30"	30"
Truck	Rev-AL	Rev-AL	Rev-AL	Rev-AL	Rev-AL	Rev-AL
Snaps	S/S	S/S	S/S	S/S	S/S	S/S
Standard Flag Size	8'X12'	10'X15'	12'X18'	12'X18'	20'X30'	20'X30'

## Specifications

Provide a Fiberglass Reinforced Composite (FRC) Ground set flagpole Model # **80I** as manufactured by PLP Composites, Fitzwilliam, NH 03447.

The flagpole shall have a mounting height of 80' and 8' below grade for an overall length of 88'.

The butt diameter shall be 16.5" and the top diameter 7". The pole weight shall be approximately 1,108 lbs. and a total shipping weight of 1,648 lbs.

The flagpole shall be manufactured of fiberglass woven roving and polyester resin with 75% of the reinforcing fibers oriented in the axial plane for maximum stiffness and 25% in the radial plane for required hoop strength. Load calculations shall be based on AASHTO and NAAMM standards with the pole designed with a two to one (2:1) safety factor for 125 mph winds, unflagged, with a 1.3 gust factor.

The flagpole shall have an Entasis taper and shall be void of vertical mold seams.

The flagpole shall be sanded smooth and coated with a high gloss Aliphatic Polyurea coating system which provides extended UV protection and weatherability.

Internal pole is to be equipped with a winch operating system. Not pre-installed at the factory, parts provided in fitting kit.

**Standard colors include:** White, Black, Bronze, Faux-Luminum, and Metallic Bronze



Aeolus Series - Model #80I	Standard Fittings:		Project:
80' Above Grade Height	12" Gold Anodized Ball	1/8" S/S Aircraft Cable	
88' Overall Height	Revolving Truck	30" Flash Collar	Location:
Top Diameter - 7"	1-12'x18' Flag Arrangement	Large Retaining Ring	
Butt Diameter - 16.5"	Winch & Winch Handle	Large Counterweight	Date:
		8'x 21" Ground Sleeve	

**PLP Composites**

57 Creamery Road - PO Box 429, Fitzwilliam, NH 03447 - Phone: 800-262-6075 - [www.plpcomp.com](http://www.plpcomp.com) or [www.zeusflagpoles.com](http://www.zeusflagpoles.com) - [info@plpcomp.com](mailto:info@plpcomp.com)