

Bill of Materials				
	No.	Part Number	Qty.	Units
Flanges	1	FLG-0157	1	EA
	2	FLG-0120	1	EA
	3			
	4			
	5			
	6			
	7			
	8			
	9			
	10			
	11			
	12			
Weld Fittings	No.	Part Number	Qty.	Units
	13	PFB-0155	1	EA
	14	PFB-0170	1	EA
	15			
	16			
Couplings	17			
	18			
	No.	Part Number	Qty.	Units
	19			
	20			
Gaskets	21			
	22			
	23			
	24			
	25			
Studs & Nuts	26			
	No.	Part Number	Qty.	Units
	27			
	28			
	29			
Pipe	30			
	31			
	32			
	No.	Part Number	Qty.	Units
	33			
Flanges	34			
	35			
	36			
	37			
	38			
	39			
	40			
	No.	Part Number	Qty.	Units
	41	PIPE-0010	1	EA
	42	SSM-0225	1	EA
	43	PIPE-0010	1	EA
	44	PIPE-0058	1	EA
Flanges	45	SSM-0044	1	EA
	46	PIPE-0058	1	EA
	47	FLS-0119	1	EA
	48	FLS-0115	4	EA
	49	PIPE-0010	1	EA
	50			
	51			
	52			
	53			

	No.	Part Number	Qty.	Units	Description	Heat Number
Plate	54	ORDER	1	EA	2'-2" O.D. X 1" THK SA 36 CS PLATE (BASEPLATE)	
	55	FLS-0059	4	EA	9" X 7' X 3/4" THK SA 36 CS PLATE (BASEPLATE GUSSETS)	
	56	FLS-0070	1	EA	12" X 9" X 3/8" THK 304L S.S. PLATE (PILOT WIND SHROUD)	
	57	FLS-0121	1	EA	2" WIDE X 6 1/2" LONG X 1/4" THK 304L S.S. PLATE (H.P. WASTE GAS STRIPPER)	
	58	FLS-0147	2	EA	8" X 4" X 3/4" THK SA 36 CS PLATE (LIFTING LUG)	
	59	FLS-0147	3	EA	8" X 4" X 3/4" THK SA 36 CS PLATE (GUYWIRE LUGS)	
	60					
	61					
	62	FLS-0053	1	EA	3" X 6" X 3/16" THK SA 36 CS PLATE (GATE LOCK PLATE)	
	63	BAR-0022	4	EA	3" WIDE X 3/8" THK SA 36 CS FLATBAR X 5 7/8" LONG (L.P. RISER PIPE STANDOFFS)	
	64	LZR-0239	1	EA	3" X 3" X 1/2" THK 304L S.S. PLATE (GROUNDING LUG)	
	65					
Concentric Reducers	66	FLS-0087	1	EA	12" LONG X 4" WIDE X 3/8" THK SA 36 CS PLATE (SHELBY WINCH MOUNT PLATE)	
	67	SSM-0068	1	EA	8" WIDE X 8" DEEP X 6" TALL X 1/4" THK 304L S.S. PLATE (6" BOX WIND SHROUD)	
	68	FLS-0171	1	EA	7 3/4" LONG X 3" WIDE X 2 1/4" TALL X 1/4" THK SA 36 CS PLATE (JUNCTION BOX BRACKET)	
	69	FLS-0127	1	EA	1" WIDE X 5" LONG X 1/4" THK 304L S.S. PLATE (L.P. RISER STRIPPER)	
	70					
	71					
	No.	Part Number	Qty.	Units	Description	Heat Number
	72					
	73					
	74					
	75					
	No.	Part Number	Qty.	Units	Description	
Misc. Parts	76	FLS-0067	1	EA	PILOT RETRACTING ENCLOSED S.S. PULLEY	
	77	CONSUMABLE	1	EA	10" DIA., 150#, PLASTIC FLANGE COVER(NOT DEPICTED)	
	78	CONSUMABLE	1	EA	6" DIA., 150#, PLASTIC FLANGE COVER(NOT DEPICTED)	
	79	FLS-0054	1	EA	GATE LOCK ASSEMBLY, COMPLETE TRACK GATE & GATE LOCK	
	80	FLS-0050	2	EA	PILOT TRACKING, COMPLETE ASSEMBLIES X 24' LONG	
	81	FLS-0063	1	EA	5' LONG X 3" C-CHANNEL (NAMEPLATE BRACKET)	
	No.	Part Number	Qty.	Units	Description	
	82	PLT-0149	1	EA	RETRACTABLE FUEL GAS PILOT MODEL TSI#6 COMPLETE STANDARD PILOT ASSEMBLY	
	83	FLS-0135	1	EA	3/16" DIA. S.S. PILOT RETRACTING PULLEY CABLE X 105'-0" LONG	
	84	FLS-0182	1	EA	SHELBY MANUAL AUTO BRAKING PILOT RETRACTING WINCH c/w MOD. CLUTCH ASSEMBLY	
	85	REG-0020	1	EA	1/4" DIA. NPT BELLOFRAM T-50 REGULATOR	
	86	IND-0072	1	EA	1/4" DIA. NPT BRASS, MODEL #WV4642, 0-30 PSI GAUGE	
Ship Loose Parts	87	HYD-0193	1	EA	1/4" DIA. NPT TYPE 3 FLEXIBLE FUEL SUPPLY HOSE X 55'-0" LONG	
	88	PLT-0047	6	EA	FUEL HOSE/SOW CABLE GUIDES STAINLESS STEEL(NOT DEPICTED)	
	89	CLA-0114	14	EA	FUEL HOSE/SOW CABLE CLAMPS(NOT DEPICTED)	
	90	HYD-0190	2	EA	1/4" FUEL HOSE ENDS (AERROQUIP #4411.4S)(NOT DEPICTED)	
	91	HYD-0016	2	EA	1/4" NPT FUEL HOSE ADAPTER (AERROQUIP #2021.4.4S)(NOT DEPICTED)	
	92	MM-0107	1	EA	5/16" G2130 GALVANIZED SCREW PIN SAFETY SHACKLE(NOT DEPICTED)	
	93	CLA-0108	2	EA	3/16" G450 GALVANIZED CROSBY CLIPS(NOT DEPICTED)	
	94	ORDER	3	EA	F.O.E. 3/8" GALVANIZED 6X26 IRWC CABLE (GUYWIRE CLIPS)	
	95	CLA-0110	6	EA	3/8" G450 GALVANIZED CROSBY CLIPS (GUYWIRE CLIPS)	
	96	MM-0114	3	EA	3/8" G414 GALVANIZED HEAVY DUTY THIMBLES (GUYWIRE THIMBLES)	
	97	MM-0267	3	EA	5/8" G2130 GALVANIZED SCREW PIN SAFETY SHACKLES (GUYWIRE SHACKLES)	
	98	ORDER	3	EA	7/8" X 18" HG228 JAW & JAW GALVANIZED (GUYWIRE TURNBUCKLES)	
Concentric Reducers	99	CONSUMABLE	4	EA	3/8" DIA. X 1 1/2" LG. BOLTS WITH NUTS (FOR MOUNTING WINCH TO MOUNT PLATE)	
	100					
	101					
	102					
	103					
	104					
	105					
	106					
	107					
	108					

Coating & Preparation:				
1) STACK EXTERIOR, SANDBLAST SSPC-SP6 PRIMER, DEVOLVE CATHODIC ANODE PROTECTION, 2-3 MILS DFT GLOSS BLACK				
Ignition System:				
TORNADO RETRACTABLE CONSTANT IGNITION FUEL GAS PILOT MODEL TSI #6				
Fabrication Tolerances *				
Fractional: ±1/8"				
Decimal: ±1/4"				
Angular: ±2°				
*Unless otherwise stated				

Name of Plant:				
ALBERTA				
Lease:				
-				
Approx. Weight:				
3870 LBS.				
Max. Horiz. Load At Base:				
- LBS.				
Max. Vert. Load At Base:				
- LBS.				
Net Overturning Moment:				
- FT.-LBS.				
Design Wind Pressure:				
- kPa				
Design Wind Velocity:				
- mph				
Guest Factor:				
-				
Weld Procedure:				
#12322				
APRCA Permit To Practice:				
#P10806				
CWB Registration Number:				
TORNG1				
Drawing Number:				
Progress-12515-BOM (1)				
Title:				
ø10" X 60'-0" TALL GUYWIRE SUPPORTED FLARE STACK c/w ø6" L.P. STACK RISER				
Customer:				
PROGRESS ENERGY RESOURCES				
P.O.#:				
-				
Salesperson:				
DAYNOD STEIERT				

Sheet 1 of 1				
TORNADO COMBUSTION TECHNOLOGIES INC. 1-888-882-3882				
Any Technical Data and Drawings Requested hereafter shall be the property of Tornado Technologies Inc. and/or Contained the 4 to Written Consent of Tornado Technologies Inc.				

STACK "A"				
1) MTRS PROVIDED ON REQUEST AND RECEIPT OF ORDER. 2) 100 FEET OF VERTICAL HEIGHT. 3) BASE PLATE ANCHORS TO BE DOUBLE NUTTED. 4) FOUNDATION TO BE DESIGNED BY A QUALIFIED ENGINEER.				

Description				
ISSUED FOR APPROVAL PURPOSES				
KW 12 05 30				
By Y M D				