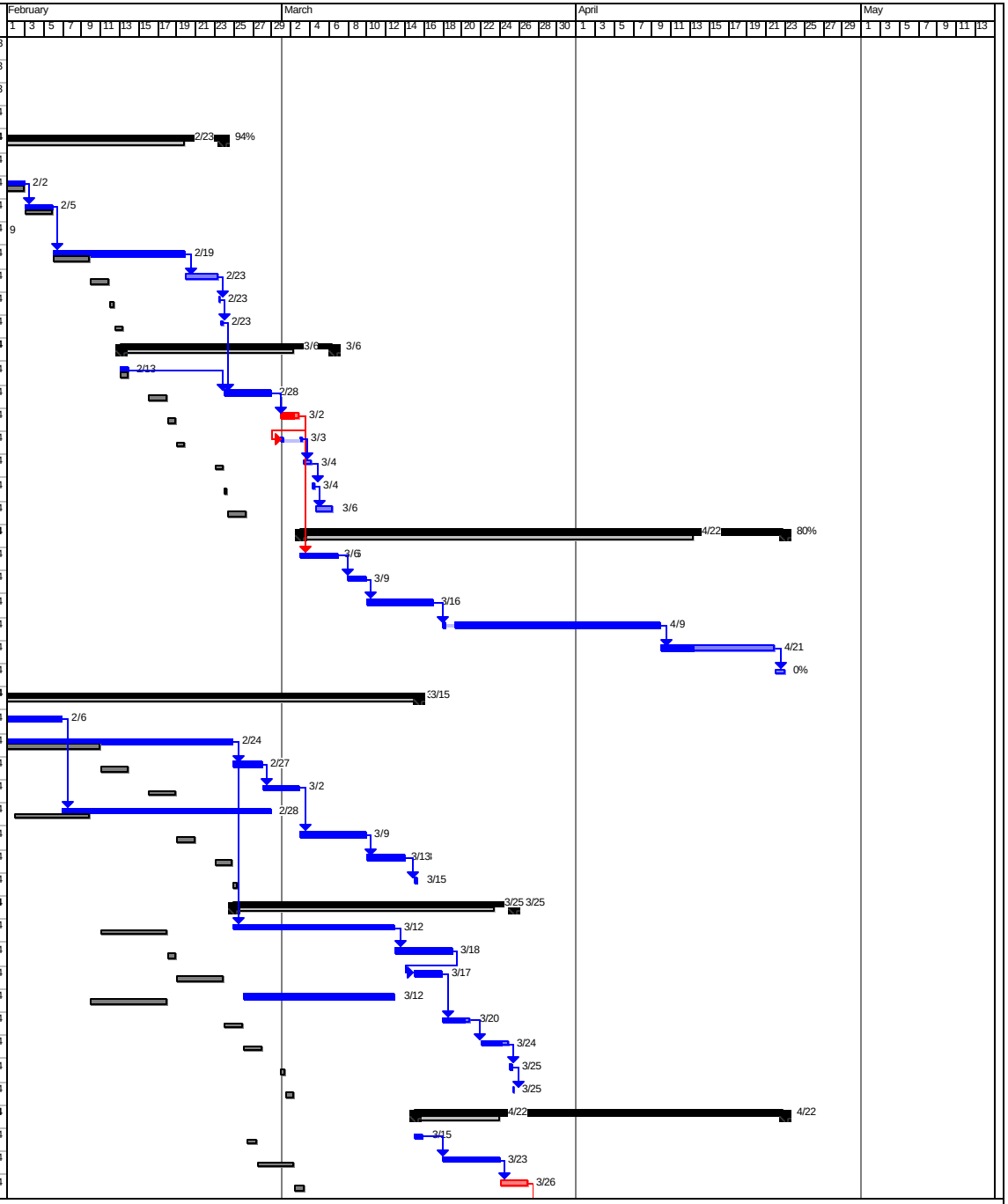
ID	Task Name	Duration	Start	Finish
1	Kick-off Meeting	1 day	Mon 11/24/03	Mon 11/24/03
2	Forming Evaluation	7 days	Tue 11/25/03	Wed 12/3/03
3	1.7 Generate BOM for die rib assemblies and PVVS Segments and	1 day	Thu 12/4/03	Thu 12/4/03
4	1.8 Material Delivery for Die Enclosures and PVVS Segments	30 days	Fri 11/28/03	Tue 1/20/04
5	**1.9 Fabricate Die A Rib Assembly**	**48 days**	**Thu 12/18/03**	**Mon 2/23/04**
6	1.9.3 5 axis waterjet cut die ribs for Die A	19 days	Thu 12/18/03	Fri 1/23/04
7	1.9.7 Inspection of Die Ribs using CMM	6 days	Mon 1/26/04	Mon 2/2/04
8	Drill and Tap Holes in Die Ribs	3 days	Tue 2/3/04	Thu 2/5/04
9	1.9.8 Machine complete 3 wall enclosure for Die A	6 days	Thu 1/22/04	Thu 1/29/04
10	1.9.14 Assemble die and inspect	12 days	Fri 2/6/04	Thu 2/19/04
11	1.9.17 Lightly tack weld Scab plate, test form, inspect, full tacl	2.5 days	Fri 2/20/04	Mon 2/23/04
12	1.9.23 locate/place ref points on die rib assembly	0.25 days	Mon 2/23/04	Mon 2/23/04
13	1.9.24 Final Machine precision locking device for press	0.25 days	Mon 2/23/04	Mon 2/23/04
14	**1.10 Form Segment A**	**19.75 days**	**Fri 2/13/04**	**Sat 3/6/04**
15	1.10.1 Plasma Cut to Pre-cut Segment Oversized	1 day	Fri 2/13/04	Fri 2/13/04
16	1.10.3 Form Segment and stress relieve with Male / Female Die	5 days	Tue 2/24/04	Sat 2/28/04
17	Inspect Segment using CMM	2 days	Mon 3/1/04	Tue 3/2/04
18	1.10.5 Locate and Place Ref points on segment with CMM	0.5 days	Mon 3/1/04	Wed 3/3/04
19	1.10.8 Scribe/Mark Segment Edges using CMM/Model and macl	1 day	Wed 3/3/04	Thu 3/4/04
20	1.10.12 Inspect with CMM and Inspect Segment Thickness	0.5 days	Thu 3/4/04	Thu 3/4/04
21	Machine to size	2 days	Thu 3/4/04	Sat 3/6/04
22	**Form Segment Aii**	**44 days**	**Wed 3/3/04**	**Thu 4/22/04**
23	Inspect Die A	4 days	Wed 3/3/04	Sat 3/6/04
24	Perform Alignment guide repairs	2 days	Mon 3/8/04	Tue 3/9/04
25	Form and Stress Relieve Segment Aiij	6 days	Wed 3/10/04	Tue 3/16/04
26	1.10.8 Scribe/Mark Segment Edges using CMM/Model and macl	19 days	Thu 3/18/04	Fri 4/9/04
27	1.10.12 Inspect with CMM and Inspect Segment Thickness	10 days	Sat 4/10/04	Wed 4/21/04
28	Machine to size	1 day	Thu 4/22/04	Thu 4/22/04
29	**1.11 Repeat 1.9 and 1.10 for segment B**	**42.5 days**	**Mon 1/26/04**	**Mon 3/15/04**
30	Order Die Enclosure Material and cut to rough size	11 days	Mon 1/26/04	Fri 2/6/04
31	1.9.3 5 axis waterjet cut die ribs for Die B	24 days	Wed 1/28/04	Tue 2/24/04
32	1.9.7 Inspection of Die Ribs using CMM	3 days	Wed 2/25/04	Fri 2/27/04
33	Drill and Tap Holes in Die Ribs	3 days	Sat 2/28/04	Tue 3/2/04
34	1.9.8 Machine complete 3 wall enclosure for Die B	19 days	Sat 2/7/04	Sat 2/28/04
35	1.9.14 Assemble die and inspect	6 days	Wed 3/3/04	Tue 3/9/04
36	1.9.17 Lightly tack weld Scab plate, test form, inspect, full tacl	4 days	Wed 3/10/04	Sat 3/13/04
37	1.9.23 locate/place ref points on die rib assembly	0.5 days	Mon 3/15/04	Mon 3/15/04
38	**1.11 Repeat 1.9 and 1.10 for segment C**	**25.75 days**	**Wed 2/25/04**	**Thu 3/25/04**
39	1.9.3 5 axis waterjet cut die ribs for Die C	15 days	Wed 2/25/04	Fri 3/12/04
40	1.9.7 Inspection of Die Ribs using CMM	5 days	Sat 3/13/04	Thu 3/18/04
41	Drill and Tap Holes in Die Ribs	3 days	Mon 3/15/04	Wed 3/17/04
42	1.9.8 Machine complete 3 wall enclosure for Die C	14 days	Thu 2/26/04	Fri 3/12/04
43	1.9.14 Assemble die and inspect	3 days	Thu 3/18/04	Sat 3/20/04
44	1.9.17 Lightly tack weld Scab plate, test form, inspect, full tacl	3 days	Mon 3/22/04	Wed 3/24/04
45	1.9.23 locate/place ref points on die rib assembly	0.5 days	Thu 3/25/04	Thu 3/25/04
46	1.9.24 Final Machine precision locking device for press	0.25 days	Thu 3/25/04	Thu 3/25/04
47	**1.10 Form Segment B**	**34 days**	**Mon 3/15/04**	**Thu 4/22/04**
48	1.10.1 Plasma Cut to Pre-cut Segment Oversized and Polish	1 day	Mon 3/15/04	Mon 3/15/04
49	1.10.3 Form Segment and stress relieve with Mail/Female Die	5 days	Thu 3/18/04	Tue 3/23/04
50	Inspect Segment using CMM	3 days	Wed 3/24/04	Fri 3/26/04



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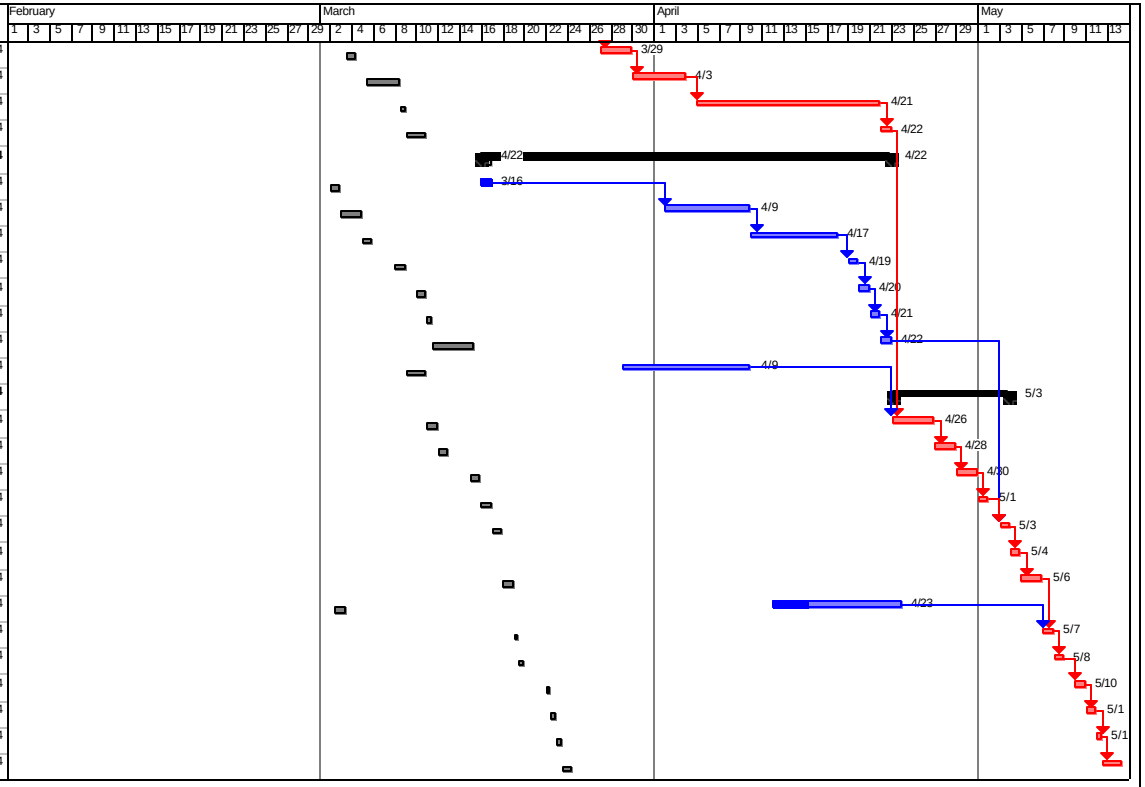
Critical
Critical Split
Critical Progress
Task
Split
Task Progress
Baseline
Baseline Split
Baseline Milestone
Milestone
Summary Progress
Summary
Rolled Up Critical
Rolled Up Critical Split
Rolled Up Critical Progress
Rolled Up Task
Rolled Up Split
Rolled Up Task Progress
Rolled Up Baseline
Rolled Up Baseline Milestone
Rolled Up Milestone
External Tasks
Project Summary

ID	Task Name	Duration	Start	Finish
51	1.10.5 Locate and Place Ref points on segment with CMM	2 days	Sat 3/27/04	Mon 3/29/04
52	1.10.8 Scribe/Mark Segment Edges using CMM/Model and macl	5 days	Tue 3/30/04	Sat 4/3/04
53	1.10.12 Inspect with CMM and Inspect Segment Thickness	15 days	Mon 4/5/04	Wed 4/21/04
54	Machine to size	1 day	Thu 4/22/04	Thu 4/22/04
55	**1.10 Form Segment C**	**33 days**	**Tue 3/16/04**	**Thu 4/22/04**
56	1.10.1 Plasma Cut to Pre-cut Segment Oversized	1 day	Tue 3/16/04	Tue 3/16/04
57	1.10.3 Form Segment and stress relieve with Mail/Female Die	7 days	Fri 4/2/04	Fri 4/9/04
58	Inspect Segment using CMM	7 days	Sat 4/10/04	Sat 4/17/04
59	1.10.5 Locate and Place Ref points on segment with CMM	1 day	Mon 4/19/04	Mon 4/19/04
60	1.10.8 Scribe/Mark Segment Edges using CMM/Model and macl	1 day	Tue 4/20/04	Tue 4/20/04
61	1.10.12 Inspect with CMM and Inspect Segment Thickness	1 day	Wed 4/21/04	Wed 4/21/04
62	Machine to size	1 day	Thu 4/22/04	Thu 4/22/04
63	Assemble Jigs and Figuring for Assembly	11 days	Mon 3/29/04	Fri 4/9/04
64	**Weld Segments**	**9 days**	**Fri 4/23/04**	**Mon 5/3/04**
65	2.4 Mount A and B Segments together, inspect then tack , then i	3 days	Fri 4/23/04	Mon 4/26/04
66	2.10 Full weld of segments	2 days	Tue 4/27/04	Wed 4/28/04
67	2.10 Inspect weld, inspect with CMM, grind welds and polish	2 days	Thu 4/29/04	Fri 4/30/04
68	2.14 Inspect with CMM for distortion	1 day	Sat 5/1/04	Sat 5/1/04
69	Weld Segment C in place	1 day	Mon 5/3/04	Mon 5/3/04
70	Machine Complete PVVS assembly	1 day	Tue 5/4/04	Tue 5/4/04
71	2.15 Clean and Surface Finish , and inspect	2 days	Wed 5/5/04	Thu 5/6/04
72	3.5 Machine port extension tube	11 days	Mon 4/12/04	Fri 4/23/04
73	3.9 Mount and tack weld tube and inspect before full weld	1 day	Fri 5/7/04	Fri 5/7/04
74	3.19 Install and inspect flange then leak check	1 day	Sat 5/8/04	Sat 5/8/04
75	3.26 Cut off port extension and inspect	1 day	Mon 5/10/04	Mon 5/10/04
76	3.28 Cut hole in PVVS and inspect	1 day	Tue 5/11/04	Tue 5/11/04
77	3.32 Stitch weld port reinforcement and port extension and inspect	0.5 days	Wed 5/12/04	Wed 5/12/04
78	PVVS final inspections	2 days	Wed 5/12/04	Fri 5/14/04



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Critical	Task Progress	Summary Progress	Rolled Up Task	Rolled Up Milestone
Critical Split	Baseline	Summary	Rolled Up Split	External Tasks
Critical Progress	Baseline Split	Rolled Up Critical	Rolled Up Task Progress	Project Summary
Task	Baseline Milestone	Rolled Up Critical Split	Rolled Up Baseline	
Split	Milestone	Rolled Up Critical Progress	Rolled Up Baseline Milestone	