Input Mach no	Wedge half angle	β	Output Mach No	Engine free-stream eqv	
1.5	5	48	1.325	Too Low	**For M_1 = 2.36**
1.5	10	57	1.11	Too Low	
1.5	15	Det	Sub	NA	
1.5	20	Det	Sub	NA	NA
1.6	5	44	1.43	Too Low	
1.6	10	51	1.24	Too Low	
1.6	15	Det	Sub	NA	
1.6	20	Det	Sub	NA	NA
1.8	5	38	1.63	> 3	
1.8	10	44	1.45	Too Low	
1.8	15	51	1.24	Too Low	
1.8	20	Det	Sub	NA	NA
2	5	34	1.82	< 4	
2	10	39	1.64	> 3	
2	15	45	1.45	Too low	
2	20	53	1.21	Too low	NA
2.2	5	31	2.01	> 4	
2.2	10	36	1.82	< 4	
2.2	15	41	1.62	> 3	
2.2	20	48	1.4	Too Low	NA
2.5	5	27	2.29	< 5	
2.5	10	32	2.08	> 4	
2.5	15	37	1.87	< 4	
2.5	20	43	1.64	> 3	θ = 3 degrees
2.7	5	25	2.48	> 5	
2.7	10	30	2.26	< 5	
2.7	15	35	2.03	> 4	
2.7	20	40	1.79	> 3	θ = 7.5 degrees
3	5	23	2.75	< 6	
3	10	27	2.5	> 5	
3	15	32	2.25	< 5	
3	20	38	1.99	> 4	θ = 13 degrees

	M_{in} for M_1 = 2.36	**M_{in} for M_1 = 1.95**
For θ = 5	2.58	2.14
For θ = 10	2.83	2.35
For θ = 15	3.15	2.6
For θ = 20	3.61	2.94

M_{in}	**M_1**
3	1.53
4	1.95
5	2.36
6	2.77