

09:56:40
02/24/99

NASA

ADC
Full

HEX
645

CONTR
50

BRIGHT
21.25

PHI
1

ITT
Linear

TST
DEM

UTTER
Live

Voice of Rick Haenke

Taurus Vehicle Engineer



1
00:00:13,220 --> 00:00:05,630
t-minus ten nine eight seven six five

2
00:00:17,300 --> 00:00:13,230
four three two one zero and liftoff of

3
00:00:20,120 --> 00:00:17,310
the Taurus rocket with ocio trekking a

4
00:00:41,310 --> 00:00:20,130
greenhouse gas in seek of clues to

5
00:00:44,910 --> 00:00:43,350
like computers using our GU right

6
00:00:48,870 --> 00:00:44,920
information to maintain nominal vehicle

7
00:00:55,619 --> 00:00:48,880
attitude during stage zero burn our bus

8
00:01:01,530 --> 00:00:55,629
is nominal approaching max Q power bus

9
00:01:02,939 --> 00:01:01,540
is nominal attitude nominal he + 50

10
00:01:04,799 --> 00:01:02,949
seconds vehicle velocity is

11
00:01:10,160 --> 00:01:04,809
approximately 2000 miles per hour at an

12
00:01:14,520 --> 00:01:12,780
attitude remains model one minute into

13
00:01:16,469 --> 00:01:14,530

OC omission all systems nominal

14

00:01:21,779 --> 00:01:16,479
expecting stage one ignition in

15

00:01:25,920 --> 00:01:21,789
approximately 20 seconds PVCs nominal

16

00:01:28,410 --> 00:01:25,930
attitude nominal stage zero TVA

17

00:01:30,380 --> 00:01:28,420
initialized pressure nominal affecting

18

00:01:36,120 --> 00:01:30,390
stage one ignition and approximately

19

00:01:38,040 --> 00:01:36,130
five seconds vent cover jettison stage

20

00:01:41,160 --> 00:01:38,050
zero burnout stage one ignition stage

21

00:01:43,410 --> 00:01:41,170
zero separation vehicle attitude nominal

22

00:01:48,480 --> 00:01:43,420
power buses nominal stage one burn will

23

00:01:52,469 --> 00:01:48,490
last approximately 70 seconds nominal

24

00:01:55,350 --> 00:01:52,479
shedding in in avionics current he plus

25

00:01:57,569 --> 00:01:55,360
100 seconds vehicle velocity is

26

00:02:01,190 --> 00:01:57,579

approximately 5,000 miles per hour at an

27

00:02:03,649 --> 00:02:01,200

altitude of approximately 50 miles

28

00:02:06,690 --> 00:02:03,659

avionics center temperatures nominal

29

00:02:08,669 --> 00:02:06,700

stage one TV a system operating as

30

00:02:12,810 --> 00:02:08,679

expected to maintain nominal vehicle