



REPUBLIC OF IRAN
MINISTRY OF DEFENSE



1
00:00:06,550 --> 00:00:04,630
the first umbilical uh has now separated

2
00:00:08,870 --> 00:00:06,560
standing by for the second umbilical to

3
00:00:11,669 --> 00:00:08,880
fall back that will be the issuance of

4
00:00:20,790 --> 00:00:11,679
the launch command sequence

5
00:00:26,390 --> 00:00:22,870
there goes the second umbilical launch

6
00:00:31,509 --> 00:00:28,550
engine start sequence begins engine

7
00:00:35,270 --> 00:00:31,519
turbo pumps coming up to flight speed

8
00:00:36,790 --> 00:00:35,280
for three two one

9
00:00:38,310 --> 00:00:36,800
ignition

10
00:00:42,069 --> 00:00:38,320
and liftoff

11
00:00:44,229 --> 00:00:42,079
liftoff of the iss progress 55 resupply

12
00:00:53,670 --> 00:00:44,239
ship beginning a fast track rendezvous

13
00:00:58,150 --> 00:00:55,750

the block house at baikonur reports a

14

00:01:07,510 --> 00:00:58,160

good launch parameters roll pitch and

15

00:01:12,149 --> 00:01:09,830

all structural parameters reported in

16

00:01:13,590 --> 00:01:12,159

good shape ducking inside a layer of

17

00:01:16,390 --> 00:01:13,600

clouds

18

00:01:23,749 --> 00:01:16,400

parking out to the northeast in pursuit

19

00:01:35,270 --> 00:01:25,510

coming up on the one minute mark of the

20

00:01:45,670 --> 00:01:37,910

all main engine parameters are reported

21

00:01:49,590 --> 00:01:47,510

one minute 20 seconds into the flight

22

00:01:51,190 --> 00:01:49,600

about 30 seconds to go before first

23

00:01:53,270 --> 00:01:51,200

stage separation

24

00:01:55,990 --> 00:01:53,280

the four strap-on boosters will be

25

00:02:12,630 --> 00:01:56,000

commanded to be jettisoned falling away

26
00:02:20,390 --> 00:02:14,949
all first and second stage thrusters are

27
00:02:37,990 --> 00:02:21,990
coming up on the two minute mark

28
00:02:38,000 --> 00:02:44,150
and booster separation is confirmed

29
00:02:47,910 --> 00:02:46,309
first stage separation is now confirmed

30
00:02:50,710 --> 00:02:47,920
the soyuz booster and the progress

31
00:02:53,110 --> 00:02:50,720
resupply craft now 30 miles in altitude

32
00:02:56,150 --> 00:02:53,120
73 miles downrange from the baikonur

33
00:03:04,229 --> 00:02:56,160
cosmodrome traveling at 3 900 miles an

34
00:03:10,630 --> 00:03:08,630
by for the shroud jettison

35
00:03:12,309 --> 00:03:10,640
first and second stage thrusters are

36
00:03:14,470 --> 00:03:12,319
reported

37
00:03:16,229 --> 00:03:14,480
uh operating normally

38
00:03:20,149 --> 00:03:16,239

all good indications so far as the

39

00:03:24,070 --> 00:03:21,830

now we have confirmation of launch

40

00:03:26,309 --> 00:03:24,080

shroud jettison this occurring uh with

41

00:03:29,110 --> 00:03:26,319

the soyuz booster and the progress at 52

42

00:03:34,949 --> 00:03:29,120

miles in altitude 102 miles downrange