SPACEFLIGHT

Nasa plans hefty Shuttle schedule
KENNEDY SPACE CENTRE

With only one flightworthy
Orbiter, Discovery, in its fleet
and still unsure about the
problem with Challenger's
tiles, Nasa has announced an
ambitious schedule of six
Shuttle flights by July 9.
Obviously, accomplishing
this schedule depends in no
small part on the situation
with Challenger, but Nasa is
"confident that the craft will

be ready to fly by February
20". Five Shuttle flights took
place in 1984.
Schedule and crews are
(MS=Mission specialist, PS=
Payload specialist):—

51C

Discovery, January 23
DoD payload on IUS

Cdr Mattingly (Nasa)
Pilot Shriver (Nasa)

MS Onizuka (Nasa)
MS Buchli (Nasa)
PS Payton (DoD)

51E

Challenger, February 20

Telesat 1, TDRS 2

Cdr Bobko (Nasa)
Pilot Williams (Nasa)
MS Seddon (Nasa)
MS Hoffman (Nasa)
Sundstrand's Data

Logger and SETS II,
Severe Environment

Tape System, are
compiling a remark-
able record of

superior

JUST
TOUGH

exceptionally rugged
digital data recorders
are small, lightweight

j* % • § and hermetically

LflCll rAL sealed. They are pgA^p^gpQ designed
I ^ C iWWm J E rt w specifically reliability in highly demanding
field environments throughout
the free world. Both of these

DATA LOGGER

for the high enviroment applica-
tions present in virtually all
military field operations.

SETS II

The Data Logger stores up to 500
megabits of data. Its inherent high
reliability is enhanced by extensive
built-in test, and error detection and
correction circuitry.

Originally developed for and flown on
the Air Launch Cruise Missile, the Data
Logger's tape cartridge is also being
used successfully on the B-52, the B-1,
the Patriot Missile System, and the MK
48 ADCAP and MK 50 ALWT Torpedo
systems.

SETS II is a compact, lightweight
digital data recording system. With a 23
megabit capacity, SETS II can easily
handle virtually any tough military field
job.

This rugged, reliable recorder has been
used successfully in such diverse
applications as tanks, Space Shuttle,
and a host of related high environment
data logging programs.

Contact Marketing Department,
Avionic Systems Division,
Sundstrand Data Control, Inc.
Redmond, Wa. 98052
Phone (206)885-8366

Sundstrand Data Control, Inc. / ^

REDMOND WASHINGTON 98052 |" s ™ ™
unit of Sundstrand Cotporatton ^rL. J *

MS Griggs (Nasa)
PS Baudry (CNES France)

Flight depends on successful
IUS deployment on 51C.

51D

Discovery, March 19
LDEF retrieval, Syncom 3

Cdr Brandenstein (Nasa)
Pilot Creighton (Nasa)
MS Lucid (Nasa)
MS Fabian (Nasa)
MS Nagel (Nasa)
PS Jarvis (Hughes)
PS Walker (McDonnell
Douglas?)

51B

Challenger, April 30

Spacelab 3

Cdr Overmyer (Nasa)
Pilot Gregory (Nasa)
MS Lind (Nasa)
MS Thornton (Nasa)
MS Thagard (Nasa)
PS van den Berg EG and G
Corp
PS Wang JPL

51G

Discovery, May 30

Spartan 1, Telstar 3D,
Arabsat, Morelos.

Cdr Engle (Nasa)
Pilot Covey (Nasa)
MS van Hoften (Nasa)
MS Lounge (Nasa)
MS (Bill) Fisher (Nasa)
PS from Saudi Arabia

51F

Challenger,

Spacelab 2

July 9

Cdr Fullerton (Nasa)
Pilot Griggs (Nasa)
MS Musgrave (Nasa)
MS England (Nasa)
MS Henize (Nasa)
PS Acton (Lockheed)
PS Bartoe (NRL)

Orbiter Columbia is still at
Rockwell undergoing modi-
fications and should be
delivered to Kennedy Space
Flight Centre in the summer,
while the new Orbiter,
Atlantis, is due at the Cape
in April.
60 FLIGHT International, 12 January 1985