

(Font size=18) PAYLOAD NAME (Acronym) STS-XX

FINAL

Date: Month XX, 2000 (font size=11)

(Font=Helvetica, font size=12) CUSTOMER PAYLOAD TRAINING REQUIREMENTS

Payload Name and Acronym: (10)

Flight Applicability: STS-XX
Scheduled Launch Date: Month XX, 2000 (NET)

JSC Flt Crew Tng Mgr & Coord: _____ (281)244-____
FIM: _____ (281)483-____ fax (281)483-____
PIM: _____ (281)483-____ fax (281)483-____

Customer Point of Contact: (10) Name, Mailcode, Title, Company (XXX)XXX-XXXX, fax (XXX)XXX-XXXX Internet address: Backup: Name, Mailcode, Company, (XXX)XXX-XXXX Internet address: todd.w.hellner1@jsc.nasa.gov

Secondary Payload Training Representative: Jacqueline Prewitt (281) 244-7569, fax (281)244-7216 Internet address: jacqueline.prewitt1@jsc.nasa.gov

CUSTOMER TRAINING LESSON PLAN (10)

Seq No.	Lesson Code (9)	Lesson Name (9)	Students (Prime & B/U)	Resp	Facility and Location	Type of H/W	Est Hours	Time Frame & Comments (9)
1	_____ FAM 31001	_____ Familiarization Briefing	Flightcrew	Cust	JSC Classroom	Class	X.X	
2	_____ OPS 31074	_____ Hands-On Training	Prime & Backup	Cust	JSC Classroom		X.X	
3	_____ MAL 31074	_____ Malfunction Training	Prime & Backup	Cust	JSC Classroom		X.X	

Total: __. hrs.

SIMULATION/LESSON
SUPPORT PLAN & TRAINING OBJECTIVES (examples)
 Payload ___-__ Flight STS-XX

<p>Seq No: #1 Sim/Lesson: ___-__ FAM 31001 Facility Prep Time: 5-10 minutes Facility Deprep Time: 5-10 minutes Synopsis: Present experiment science and objectives, PI, sponsor, and hardware. Objectives:</p> <ul style="list-style-type: none"> •Introduce science objectives •Familiarize crew with experiment purpose, objectives, and hardware •Brief hardware overview <p>Customer Provided Hardware/Support:</p> <ul style="list-style-type: none"> •___-__ (payload) hardware module •Viewgraphs •Handouts (color copies for flightcrew) <p>SSP Provided Hardware/Support:</p> <ul style="list-style-type: none"> •35 mm slide projector •Overhead projector <p>Comments:</p>	<p>Seq No: #2 Sim/Lesson: ___-__ OPS 31074 Facility Prep Time: 10-15 minutes Facility Deprep Time: 10-15 minutes Synopsis: ___-__ nominal operations and experiment monitoring Objectives:</p> <ul style="list-style-type: none"> •Demonstrate on-orbit and de-orbit button push procedures •Observe nominal display status <p>Customer Provided Hardware/Support:</p> <ul style="list-style-type: none"> •___-__ (payload) hardware module •Power supply and cable •___-__ (payload) crew procedures <p>SSP Provided Hardware/Support:</p> <ul style="list-style-type: none"> •Overhead projector <p>Comments:</p>	<p>Seq No: #3 Sim/Lesson: ___-__ MAL 31074 Facility Prep Time: 10-15 minutes Facility Deprep Time: 10-15 minutes Synopsis: ___-__ off-nominal operations including fuse change-out and diagnostics using PGSC Objectives:</p> <ul style="list-style-type: none"> •Demonstrate and practice fuse change-out procedures •Demonstrate and practice diagnostic procedures using PGSC <p>Customer Provided Hardware/Support:</p> <ul style="list-style-type: none"> •___-__ hardware module •___-__ diagnostic software •___-__ malfunction procedures <p>SSP Provided Hardware/Support:</p> <ul style="list-style-type: none"> •Overhead projector •PGSC (refer to comment below) <p>Comments: Customer will make arrangements to have a flight-like PGSC already loaded with the diagnostic software at the training session.</p>
--	--	---

INSTRUCTIONS

Payload Name and Acronym – Provide the payload name and place acronym in parenthesis.

Flight Applicability - This designates to which STS flight or flights these requirements apply. Use planned launch timeframe if flight not known.

Scheduled Launch Date – SPTT will keep a current record of the launch date, including NET (if applicable).

JSC Flightcrew Tng Mgr & Coord - The name and phone number of the JSC Training Division person who manages the overall flightcrew training flows for this flight.

FIM - SPTT will state the Flight Integration Manager assigned to flight.

PIM - SPTT will state the Payload Integration Manager assigned to flight.

Customer Point of Contact - Provide the name, address, phone and fax numbers of the customer payload representative responsible for payload training.

Secondary Payload Training Representative - Provide the name, JSC mail code, phone, and fax numbers of the training representative. This person coordinates, monitors, and develops training flows for secondary payloads.

Seq No. (Sequence Number) - This identifies where in the sequence of lessons this lesson must or should occur. Leaving these blank implies all lessons are in sequence as written with the first lesson at the top of the list. To insert a lesson without rewriting the entire list, merely list the lesson at the end and give it a sequence number of 3a or 3.1 for example.

Lesson Code -- This is the alphanumeric code which is assigned by the JSC MOD Training Division for scheduling and tracking lessons.

Lesson Name - The name of the lesson which should be concise but as descriptive as possible.

Student - Designate who is required to attend the training lesson. Pr and Bu (Prime & Backup) is acceptable if crewmember has not been selected.

Resp (Responsibility) - This denotes who has responsibility for conducting the lesson. For example, PI (Payload Principle Investigator), Cust (this means whoever the payload customer chooses to have conduct the lesson).

Facility and Location - The facility and location of the facility where training will be conducted. For example, JSC/CCT (Johnson Space Center/Crew Compartment Trainer) or Cust Fac (Customer's payload laboratory or manufacturing facility).

Type of Hardware - This states the type or kinds of the hardware used for training. For example, Mock-up, Payload Simulator, or Flight hardware or a combination thereof.

Est Hours (Estimated Hours) - This is an estimate of the hours required to complete the lesson. Note if these hours are to be spread over more than one day. This estimate should be as accurate as possible; these hours will be included in the crew training time budget.

Time Frame & Comments - This denotes the timeframe or time window, in L-x (x = months to launch), that the lesson should be conducted. If the lesson must follow a calendar schedule then so stipulate by naming calendar dates. L-x references are preferred. Note: It is understood that the person responsible for the lesson will be prepared to conduct the lesson anytime during the designated window. List any constraints to scheduling which will help allow for efficient planning.

Simulation/Lesson Support Plan and Training Objectives - This details how simulations and/or lessons will be supported, planned and lists the training objectives for each session.

Hardware, both customer and JSC MOD supplied, are listed in addition to facilities required and facilities preparation time.