

Ultra Long Duration Balloon Workshop

Goddard Space Flight Center
Bldg. 3 Auditorium

Day 1: June 24, 1997

08:00 **Late Registration**

09:00 **Introduction : Mr. Rothenberg**

09:15 **Balloon Program Overview : Mr. Harvey Needleman**

09:30 **Science Advocacy : Dr. Jack Tueller**

09:45 **Overview of ULDB Project : Mr. I. Steve Smith**

10:15 **Break**

10:30 **Balloon & Recovery Systems : Mr. Joel Simpson**

11:00 **Balloon & Recovery Systems Technology Presentations**

11:00	Linstrand, Per	Linstrand Balloons	Balloon Technology (Fabrication)
11:15	Smith, Michael	Raven Industries, Inc.	Design and Fabrication

11:30 **Lunch**

1:00 **Balloon & Recovery Systems Technology Presentations**

1:00	Hunt, Beth	Precision Fabrics Group	Materials
1:15	McGill, David	Dimension Polyant	Materials
1:30	Rand, James	Winzen Engineering, Inc.	Material Properties

1:45 **Break**

2:00	Heun, Matt		Atmospheric Modeling
2:15	Epley, Larry	SwRI	Flight Trajectory Models
2:30	Ground, John	Phillips Laboratory	Superpressure & GPS
2:45	Jorgensen, Dean	Pioneer Aerospace	Recovery Systems
3:00	Open		
3:15	Open		
3:30	Open		
4:00	Open		

5:00 **Adjourn**

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Day 2: June 25, 1997

09:00 Introduction : Mr. I. Steve Smith

09:15 Ballooncraft : Mr. David Stuchlik

09:45 Mission & Operations : Mr. David Gregory

10:15 Ballooncraft Technology Presentations

10:20	Macintyre, Steven	MEDA	Magnetometers
10:40	Bingham, Gail	SDL	Hyperspectral Imaging Testbed
11:00	Tamerler, Timothy	ATA	Balloon Electronics, Pointing
11:20	Thornton, Peter		Electronics
11:40	Lampi, William	CE	Cmd rcvrs, xmttrs, xponders

12:00 Lunch

1:00 Ballooncraft Technology Presentations

1:00	Zillig, David	GSFC	Balloon Technology
1:20	Israel, David	GSFC	TDRSS User RF Test Set
1:40	Caroglanian, Armen	GSFC	Antennas/Data Rate Options
2:00	Prior, Mike	GSFC	Miniaturized C&DH System
2:20	Fortin, Andre	GSFC	Demand Access Service
2:40	Helms, Joseph	Invocon	Wireless Data Acq & Commo
3:00	Cassapakis, Costas	L'Garde	Inflatable Antennas
3:20	Bailey, Sheila	LeRC	Power Systems
3:40	Munroe, William	Munroe Machinery	Power Systems
4:00	Open		
4:20	Open		
4:40	Open		

5:00 Adjourn