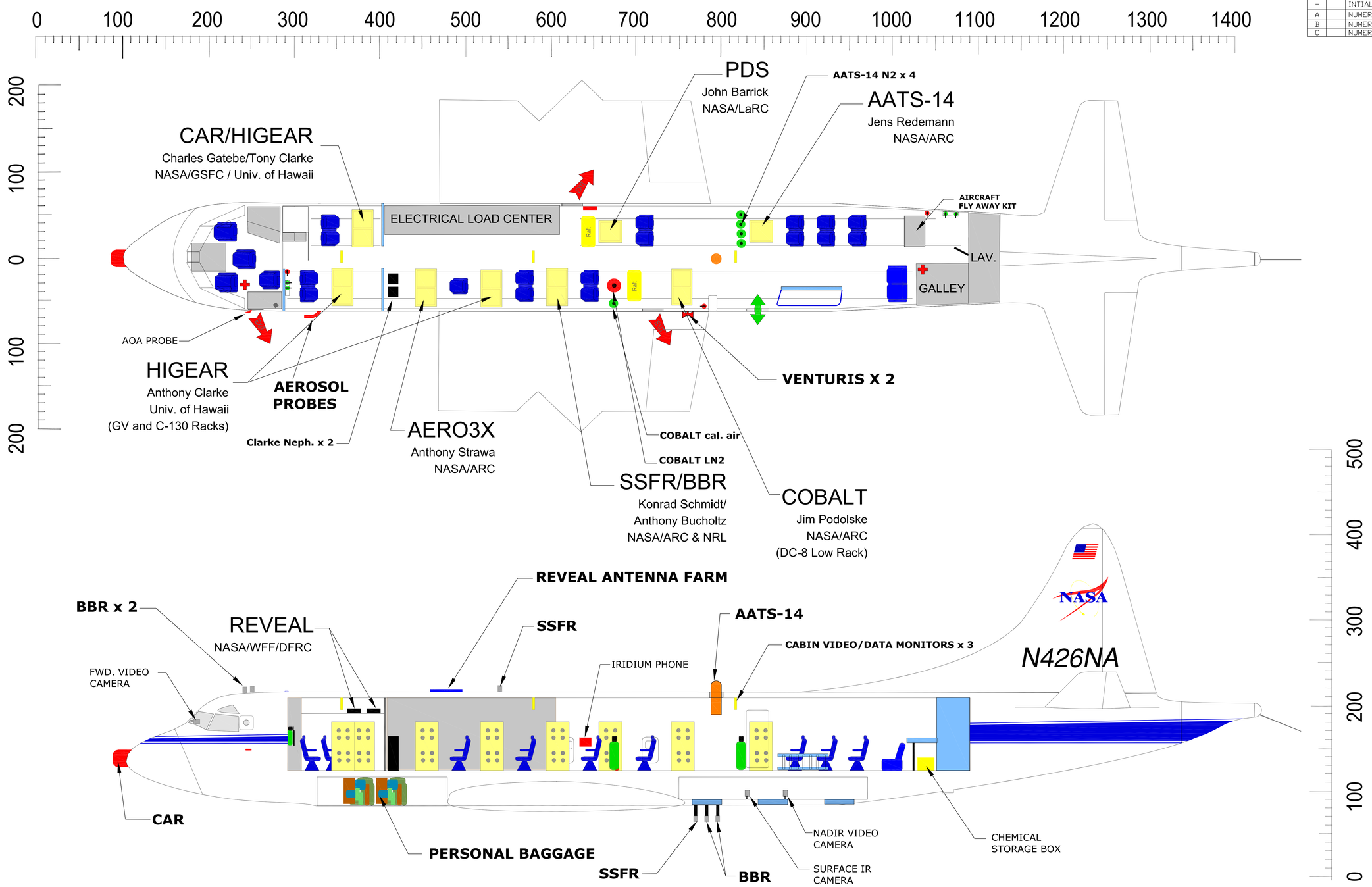
REVISION				
SYM	ZONE	DESCRIPTION	DATE	APPROVAL
–		INTIAL RELEASE	10/17/07	MCC
A		NUMEROUS UPDATES	11/2/07	MCC
B		NUMEROUS UPDATES	12/10/07	MCC
C		NUMEROUS UPDATES + COBALT	1/27/08	MCC



EXPERIMENTER PORTS

PORT	PROBE/FAIRING/WINDOW	P.I. NAME	DRAWING/SN
NOSE	CAR	GATEBE	
333L	AEROSOL PROBE	CLARKE/STRAWA	
FE HATCH	BBR RADIOMETER x 2	BUCHOLTZ	
3" ZENITH	SSFR RADIOMETER	SCHMIDT	
ZENITH #1	AATS-14	REDEMANN	
NADIR #1	SSFR & BBR RADIOMETER x 3	SCHMIDT/BUCHOLTZ	
FS 300	TOTAL TEMP PROBE	BARRICK	4262002-01-04
FS 250	ANGLE OF ATTACK PROBE	BARRICK	TAMMS12
FS 830	SURFACE IR CAMERA	BARRICK	
FS 310	HYGROMETER PROBE	BARRICK	4262002-07-16
COCKPIT	FWD. VIDEO CAMERA	BARRICK	GD2105520
480	REVEAL ANTENNA FARM	WFF/DFRC	SD273
758L	VENTURIS X 2	CLARKE/STRAWA	
850L	NADIR VIDEO CAMERA	BARRICK	
	HF ANTENNA MODIFCATION	WALLOPS	EPW1047

OTHER NON-STANDARD INSTALLATIONS

LOCATION	DESCRIPTION	P.I. NAME	DRAWING/SN
650R	IRIDIUM PHONE	WALLOPS	
825R	AATS-14 N2 GAS X 4	REDEMANN	GD2105522
320L	REVEAL BOX (OVERHEAD BIN)	WALLOPS/DFRC	ESD-01-00105
340L	REVEAL MAC MINIS (OVERHEAD BIN)	WALLOPS/DFRC	SD285
415L	CLARKE NEPH. X 2	CLARKE	
660L	COBALT LN2 & CAL. AIR	PODOLSKE	

RACK INFORMATION

LOCATION	TYPE	EXPERIMENT	CENTER	P.I. NAME
355L	C-130	HIGEAR	UNIV. HAWAII	CLARKE
455L	DOUBLE	AERO3X	NASA/ARC	STRAWA
530L	GV	HIGEAR	UNIV. HAWAII	CLARKE
610L	DOUBLE	SSFR/BBR	NASA/ARC;NRL	SCHMIDT/ BUCHOLTZ
755L	DC-8 LOW	COBALT	NASA/ARC	PODOLSKE
350R	DOUBLE	CAR/HIGEAR	GSFC/UH	GATEBE/CLARKE
670R	SINGLE	PDS	NASA/LARC	BARRICK
850R	SINGLE	AATS-14	NASA/ARC	REDEMANN

RACKS

TYPE	QTY.
DOUBLE	3
GV	1
C-130	1
SINGLE	2
DC-8 LOW	1

SEATS

TYPE	LEFT	RIGHT	TOTAL
PILOT			1
CO-PILOT			1
FLIGHT ENGINEER			1
MISSION			1
OPERATOR SEATS	7	10	17
PASSENGER SEATS	2		2
TOTAL:			23

THIS DRAWING WAS PRODUCED USING
SOFTWARE: AUTOCAD VERSION: 2008
FILE NAME: GE2105506

ITEM NO.	REQD	REQD	PART NO.	DESCRIPTION	MATERIAL	MATERIAL SPEC & NO.

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED–DIMENSIONS ARE IN INCHES
TOLERANCES:
.XX ±.02 .XXX ±.005 ∠ ±1° FRACTIONS ±1/16 125√
REMOVE ALL BURRS AND SHARP EDGES R .010 OR CHAMFER MAX.

☐ FLIGHT HARDWARE/POST FAB HARDNESS TEST REQ'D
☐ HARDNESS TEST NOT REQUIRED ☐ NON FLIGHT
☐ TEST HARDNESS PER ASTM E-18, LOCATION OPTIONAL
☐ TEST HARDNESS PER ASTM E-18 WHERE INDICATED ON FIELD OF DRAWING THUS ⊙
☐ NO NON-DESTRUCTIVE EXAMINATION (NDE) REQ'D
☐ NDE REQUIRED PER S-313-009 CODE _____

NEXT ASSY | USED ON

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION — Goddard Space Flight Center — GREENBELT, MARYLAND

DRAWING INTERPRETED PER GSFC-X673-64-1

	NAME	INIT	DATE
DESIGNER	M. CROPPER	MCC	9/6/07
DRAWN	M. CROPPER	MCC	9/6/07
CHECKED			
APPROVED			
APPROVED			
APPROVED–STRESS			
APPROVED–ENGINEER			

TITLE
ARCTAS 2008
P-3B (N426NA)
LAYOUT

GE 2105506 REV C
CODE 548 SCALE NOT SCALE WT SH 1 OF 1

REV C
GE2105506