Table 1: **Paul's Status of AXAF FLIGHT ACIS COMMAND SEQUENCES**

ORBITAL ACTIVIATION PROCEDURES		
TITLE	FILE NAME	STATUS
SHUTTLE PHASE		
Open Little Vent Valve (Realtime Version)	open_lvv.*	I
TRANSFER ORBIT		
Monitor Temperatures and Pressure During Orbital Insertion	monitor_tp.*	I
Turn on DPA A & B and DEA A [realtime version]	turnon_dpaab_deaa.*	I
Load DEA HK PB and Start DEA HK run	deahkp.*	I
Turn on DA Heater side B	dahtr_b_on.*	I
Set focal plane temperature to -120 C	setFP_m120.*	I
Open Large Vent Valve	open_vv.*	D
Partial Bakeout, set FP to -50 C	bakeout_m50C.*	N
Set focal plane temperature to -90 C	setFP_m90.*	D
Dump flight SW	fs_dump.*	I
Flight Software Standard Set of Patches	sw_stdpatch.*	UD
Flight Software Event Histogram and CC 3x3 Patch	sw_optevhcc3x3.*	UD
Flight Software Event Histogram Patch	sw_evhpatch.*	I
Diagnostic Mode	ccd_diag_posttv.*	I
Raw Data from each CCD	ccd_raw.*	I
OBF Integrity Test	ccd_obf.*	PB
Dark Current Measurement	ccd_dark.*	PB
Internal Calibration Source Measurement at -90 C	ccd_int1.*	PB
Internal Calibration Source Measurement at -110 C	ccd_int2.*	PB
Internal Calibration Source Measurement at -120 C	ccd_int3.*	PB
Event Histogram on the Internal Cal Source with ACIS-S in Fmt 1	ccd_evhist_s.*	I
ABRIDGED LONG FORM FUNCTIONAL TEST		
Diagnostic Mode	ccd_diag_posttv.*	I
Exercise Detector Housing Heater Controls	heater_fp.*	O
Software Boot Modes: Uplink	uplink_boot.*	I
Software Boot Modes: Warm & Cold	swbootmode.*	I
BEP/DEA Power Combinations	power_combo.*	I
DEA/FEP MUX Verification	deafep_mux.*	I
Set DACs Low and High	dac_limits.*	O
FINAL ORBIT		
Characterize Background before opening ACIS door	ccd_orbbkg1.*	PB
Full Bakeout	full_bakeout.*	D
Open ACIS Camera Housing Door	open_door_4shots.*	D
Characterize Background after opening ACIS door	ccd_orbbkg2.*	PB

Table 2: **Paul's Status of AXAF FLIGHT ACIS COMMAND SEQUENCES**

TITLE	FILENAME	STATUS
HRMA ACC OPENS		
HRMA Flux Transfer Standard Sources Measurements	ccd_fcm.∗	PB
HRMA SUNSHADE DOOR OPENS		
Phase II activities commanded through ORs		
ACIS STORED COMMAND SEQUENCES		
Load Shed Procedure SCS 40	NA	NA
Autonomous power-up SCS 70	NA	NA
ACIS "ATOMIC" PROCEDURES		
Turn on DPA A & B and DEA A [realtime version]	turnon_dpaab_deaa.∗	I
Turn on DPA A & B and DEA A [SCS version]	turnon_dpaab_deaa_scs.∗	I
Turn on DPA A (TSV)	turnon_dpaa.∗	O
Turn on DPA B (TSV)	turnon_dpab.∗	O
Turn on DEA A (TSV)	turnon_deaa.∗	O
Turn off DPA A (TSV)	turnoff_dpaa.∗	O
Turn off DPA B (TSV)	turnoff_dpab.∗	O
Turn off DEA A (TSV)	turnoff_deaa.∗	O
Turn off DPA A & B and DEA A (TSV)	turnoff_dpaab_deaa.∗	I
Put ACIS into memory save mode for eclipse	mem_save.∗	I
Put ACIS into standy mode for eclipse	standby.∗	I
Load DEA HK PB and Start DEA HK run	deahkp.∗	I
Turn on DA Heater side B	dahtr_b_on.∗	I
Set focal plane temperature to -120 C	setFP_m120.∗	I
Set focal plane temperature to -50 C (TSV)	setFP_m50.∗	N
Set focal plane temperature to -90 C (TSV)	setFP_m90.∗	D
Warm Boot the ACIS BEP	warmboot.∗	N
Cold Boot the ACIS BEP	coldboot.∗	N

Table 3: **Paul's Status of AXAF FLIGHT ACIS COMMAND SEQUENCES**

TITLE	FILENAME	STATUS
ACIS CONTINGENCY PROCEDURES		
Open Little Vent Valve for emergency deployment (SCS Version)	open_lvv_emgdep.*	N
Close Little Vent Valve	close_lvv.*	O
Abort Opening Large Vent Valve	abort_opvv.*	O
Close Large Vent Valve	close_vv.*	O
Abort Closing Large Vent Valve	abort_clvv.*	O
Turn Off DA heater side B and turn on side A	dahtr_aon_boff.*	N
Turn Off DA heater side A and turn on side B	dahtr_bon_aoff.*	N
Switch from BEP A to BEP B	switch_bepa_b.*	N
Switch from DEA A to DEA B	switch_deaa_b.*	N

Classification scheme:

I: version on Paul's flight web page is identical to version which was used to generate ground test procedure, no modification to existing FOT procedure should be necessary

N: new procedure since EST II test on 12/99

D: procedure has been modified from ground testing version

O: old procedure, available on the web page for many months but not developed by the FOT.

UD: procedure is still under development, mostly PBs and new contingency procedures

NOTE: all files located in "/home/plucinsk/www/cmd_seq"