



Step	Type transaction	T-Code	Level	To/From	Fund (Examples)	Doc Type	Fund Center	Comm Item	Func. Area	Budget Subtype	SGL Accounts	Pro Forma
Appropriation & Warrant Received by the Agency												
1	Enter Appropriation into Two Year Treasury Account	FR50	Agency	NA	HSFX22001D	APPR	NASA	All Objects	UA	APPR	DR4119.0000 CR4450.0000 DR1010.1000 CR3101.0000	A104
Actual Transfer of Authority (SF1151 Non-expenditure Transfer)												
2	Transfer Appropriation from Two Year Treasury Account to Other Treasury Accounts and subtype Appropriation to Anticipated	FR58	Agency	Sender	HSFX22001D	ACTU	NASA	All Objects	UA	APPR	DR4450.0000 CR4170.0000 CR1010.1000 DR3103.0000	A252
				Receiver	HSFX02001D or HSFX12001D or HSFX22001D		NASA	All Objects	UA	ACTU	DR4170.0000 CR4450.0000 DR1010.1000 CR3102.0000	A250
Apportionment Approved by OMB												
3	Transfer between Budget Sub-type Anticipated to Apportionment	FR58	Agency	Sender	HSFX02001D or HSFX12001D or HSFX22001D	ALLT	NASA	All Objects	UA	ACTU	DR4450.0000 DR3101.0000 CR1010.1000	A116
				Receiver	HSFX02001D or HSFX12001D or HSFX22001D		NASA	All Objects	UA	APPO	CR4510.0000 DR1010.1000 CR3101.0000	993
Allotment Posted by Agency												

4	Transfer between Budget Sub-type Apportionment to Allotment	FR58	Agency	Sender	HSFX02001D or HSFX12001D or HSFX22001D	ALLT	NASA	All Objects	UA	APPO	DR4510.0000 DR3101.0000 CR1010.1000	A120
				Receiver	HSF152001D or HSF412001D or HSF542001D		NASA	All Others	UA	ALLT	CR4610.1000 DR1010.1000 CR3101.0000	993
Resource Allocation from Agency to Enterprises												
5	Transfer between NASA Level 1 Fund Center to Level 2 Fund Center (UPN/FPN), and assign Functional	FR58	Agency	Sender	HSF542001D	AUTH	NASA	All Others	UA	ALLT	DR4610.1000 DR3101.0000 CR1010.1000	991
				Receiver	HSF542001D		376	All Others	088	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation from Enterprises to Centers												
6	Transfer between UPN Level 2 Fund Center to UPN-SYS (or SYS-SubSYS) Level 3 Fund Center	FR54	Enterprises /Functional Offices	Sender	HSF542001D	AUTH	376	All Others	088	AUTH	DR4610.2000 DR3101.0000 CR1010.1000	992
				Receiver	HSF542001D		62-376-10	All Others	088	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation within Center												
7	Transfer between Level 3 Fund Center to Carrier Account/Cost Pool Commitment Item (9000.XXXX)	FR54	Center	Sender	HSF542001D	CNTR	62-376-10	All Others	088	AUTH	DR4610.2000	992
				Receiver	HSF542001D		62-376-10	9000.8	088	AUTH	CR4610.2000	
Resource Allocation within Center												
8	Transfer between Level 3 Fund Center to Level 4 Carrier Account/Cost Pool Fund Center	FR58	Center	Sender	HSF542001D	POOL	62-376-10	9000.8	088	POOL	DR4610.2000	992
				Receiver	HSF542001D		62-992PMS	All Others	UA	POOL	CR4610.2000	

Step	Type transaction	T-Code	Level	To/From	Fund (Examples)	Doc Type	Fund Center	Comm Item	Func. Area	Budget Subtype	SGL Accounts	Pro Forma
Appropriation & Warrant Received by the Agency												
1	Load Original Budget	FR50	Agency	NA	HSFX22002D	APPR	NASA	All Objects	UA	APPR	DR4119.0000 CR4450.0000 DR1010.1000 CR3101.0000	A104
Actual Transfer of Authority (SF1151 Non-expenditure Transfer)												
2	Transfer Appropriation from Two Year Treasury Account to Other Treasury Accounts and subtype Appropriation to Anticipated	FR58	Agency	Sender	HSFX22002D	ACTU	NASA	All Objects	UA	APPR	DR4450.0000 CR4170.0000 CR1010.1000 DR3103.0000	A252
				Receiver	HSFX12002D		NASA	All Objects	UA	ACTU	DR4170.0000 CR4450.0000 DR1010.1000 CR3102.0000	A250
Apportionment Approved by OMB												
3	Transfer between Budget Sub-type Appropriation to Apportionment	FR58	Agency	Sender	HSFX12002D	ALLT	NASA	All Objects	UA	ACTU	DR4450.0000 DR3101.0000 CR1010.1000	A116
				Receiver	HSFX12002D		NASA	All Objects	UA	APPO	CR4510.0000 DR1010.1000 CR3101.0000	993
Allotment Posted by Agency												
4	Transfer between Budget Sub-type Apportionment to Allotment	FR58	Agency	Sender	HSFX12002D	ALLT	NASA	All Objects	UA	APPO	DR4510.0000 DR3101.0000 CR1010.1000	A120
				Receiver	HSF412002D		NASA	1000	UA	ALLT	CR4610.1000 DR1010.1000 CR3101.0000	993
Resource Allocation from Agency to Enterprises												
5	Transfer between NASA Level 1 Fund Center to Level 2 Fund Center (UPN/FPN), and assign Functional Area – COP	FR58	Agency	Sender	HSF412002D	AUTH	NASA	1000	UA	ALLT	DR4610.1000 DR3101.0000 CR1010.1000	991

				Receiver	HSF412002D		011	1000	124	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation from Enterprises to Centers												
6	Transfer between UPN Level 2 Fund Center to UPN-SYS (or SYS-SubSYS) Level 3 Fund Center	FR54	Enterprises /Functional Offices	Sender	HSF412002D	AUTH	011	1000	124	AUTH	DR4610.2000 DR3101.0000 CR1010.1000	992
				Receiver	HSF412002D		62-PRC	1000	124	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation within Center												
7	Transfer between Level 3 Fund Center to a Level 4 Fund Center	FR54	Center	Sender	HSF412002D	CNTR	62-PRC	1000	124	AUTH	DR4610.2000	992
				Receiver	HSF412002D		62-LABOR	1000	124	AUTH	CR4610.2000	

Step	Type transaction	T-Code	Level	To/From	Fund (Examples)	Doc Type	Fund Center	Comm Item	Func. Area	Budget Subtype	SGL Accounts	Pro Forma
Appropriation & Warrant Received by the Agency												
1	Load Original Budget	FR50	Agency	NA	HSFX22002D	APPR	NASA	All Objects	UA	APPR	DR4119.0000 CR4450.0000 DR1010.1000 CR3101.0000	A104
Actual Transfer of Authority (SF1151 Non-expenditure Transfer)												
2	Transfer Appropriation from Two Year Treasury Account to Other Treasury Accounts and subtype Appropriation to Anticipated	FR58	Agency	Sender	HSFX22002D	ACTU	NASA	All Objects	UA	APPR	DR4450.0000 CR4170.0000 CR1010.1000 DR3103.0000	A252
				Receiver	HSFX12002D		NASA	All Objects	UA	ACTU	DR4170.0000 CR4450.0000 DR1010.1000 CR3102.0000	A250
Apportionment Approved by OMB												
3	Transfer between Budget Sub-type Appropriation to Apportionment	FR58	Agency	Sender	HSFX12002D	ALLT	NASA	All Objects	UA	ACTU	DR4450.0000 DR3101.0000 CR1010.1000	A116
				Receiver	HSFX12002D		NASA	All Objects	UA	APPO	CR4510.0000 DR1010.1000 CR3101.0000	993
Allotment Posted by Agency												
4	Transfer between Budget Sub-type Apportionment to Allotment	FR58	Agency	Sender	HSFX12002D	ALLT	NASA	All Objects	UA	APPO	DR4510.0000 DR3101.0000 CR1010.1000	A120
				Receiver	HSF422002D		NASA	2000	UA	ALLT	CR4610.1000 DR1010.1000 CR3101.0000	993
Resource Allocation from Agency to Enterprises												
5	Transfer between NASA Level 1 Fund Center to Level 2 Fund Center (UPN/FPN), and assign Functional Area – COP	FR58	Agency	Sender	HSF422002D	AUTH	NASA	2000	UA	ALLT	DR4610.1000 DR3101.0000 CR1010.1000	991

				Receiver	HSF422002D		011	2000	125	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation from Enterprises to Centers												
6	Transfer between UPN Level 2 Fund Center to UPN-SYS (or SYS-SubSYS) Level 3 Fund Center	FR54	Enterprises /Functional Offices	Sender	HSF422002D	AUTH	011	2000	125	AUTH	DR4610.2000 DR3101.0000 CR1010.1000	992
				Receiver	HSF422002D		62-Travel	2000	125	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation within Center												
7	Transfer between Level 3 Fund Center to a Level 4 Fund Center	FR54	Center	Sender	HSF422002D	CNTR	62-Travel	2000	125	AUTH	DR4610.2000	992
				Receiver	HSF422002D		62-MPTravel	2000	125	AUTH	CR4610.2000	992

Step	Type transaction	T-Code	Level	To/From	Fund (Examples)	Doc Type	Fund Center	Comm Item	Func. Area	Budget Subtype	SGL Accounts	Pro Forma
Anticipated Reimbursements are Estimated												
1	Enter Anticipated Reimbursements for Agency based on Center estimates	FR50	Agency	NA	HSFX22001R	APPR	NASA	All Objects	UA	APPR	DR4210.0000 CR4450.0000	A302
Apportionment Approved by OMB												
2	Transfer between Budget Sub-type Anticipated to Apportionment	FR58	Agency	Sender	HSFX22001R	ALLT	NASA	All Objects	UA	APPR	DR4450.0000	A118
				Receiver	HSFX02001R or HSFX12001R or HSFX22001R		NASA	All Objects	UA	APPO	CR4590.0000	
Resource Allocation by Agency												
3	Transfer between Budget Sub-type Apportionment to Allotment	FR58	Agency	Sender	HSFX02001R or HSFX12001R or HSFX22001R	ALLT	NASA	All Objects	UA	APPO	DR4590.0000	994
				Receiver	HSF372001R or HSF412001R or HSF542001R		NASA	All Others	UA	ALLT	CR4590.0000	
Resource Allocation from Agency to Enterprises												
4	Transfer between NASA Level 1 Fund Center to Level 2 Fund Center (UPN/FPN), and assign Functional Area – COP	FR58	Agency	Sender	HSF542001R	AUTH	NASA	All Others	UA	ALLT	DR4590.0000	994
				Receiver	HSF542001R		376	All Others	088	AUTH	CR4590.0000	

Resource Allocation from Enterprises to Centers												
5	Transfer between UPN Level 2 Fund Center to UPN-SYS (or SYS-SubSYS) Level 3 Fund Center	FR54	Enterprises/ Functional Offices	Sender	HSF542001R	AUTH	376	All Others	088	AUTH	DR4590.0000	994
				Receiver	HSF542001R		62-376-10	All Others	088	AUTH	CR4590.0000	
Resource Allocation within Center												
6	Transfer between Level 3 Fund Center to Carrier Account/Cost Pool Commitment Item (9000.XXXX)	FR54	Center	Sender	HSF542001R	CNTR	62-376-10	All Others	088	AUTH	DR4590.0000	994
				Receiver	HSF542001R		62-376-10	9000.82	088	AUTH	CR4590.0000	
Acceptance of Reimbursable Order												
7	Funds Reservation Created	FMX1	Center	Sender	HSF542001R	RI	62-376-10	All Others	088		DR4590.0000	A122
											CR4610.2000	
Resource Allocation within Center												
8	Transfer between Level 3 Fund Center to Level 4 Carrier Account/Cost Pool Fund Center	FR58	Center	Sender	HSF542001R	POOL	62-376-10	9000.82	088	POOL	DR4610.2000	992
				Receiver	HSF542001R		62-992PMS	All	UA	POOL	CR4610.2000	

Step	Type transaction	T-Code	Level	To/From	Fund (Examples)	Doc Type	Fund Center	Comm Item	Func. Area	Budget Subtype	SGL Accounts	Pro Forma
Appropriation & Warrant Received by the Agency												
1	Load Original Budget	FR50	Agency	NA	HSFX22001D	APPR	NASA	All Objects	UA	APPR	DR4119.0000 CR4450.0000 DR1010.1000 CR3101.0000	A104
Apportionment Approved by OMB												
2	Transfer between Budget Sub-type Apportionment to Apportionment	FR58	Agency	Sender	HSFX22001D	ALLT	NASA	All Objects	UA	APPR	DR4450.0000 DR3101.0000 CR1010.1000	A116
				Receiver	HSFX22001D		NASA	All Objects	UA	APPO	CR4510.0000 DR1010.1000 CR3101.0000	993
Allotment Posted by Agency												
3	Transfer between Budget Sub-type Apportionment to Allotment	FR58	Agency	Sender	HSFX22001D	ALLT	NASA	All Objects	UA	APPO	DR4510.0000 DR3101.0000 CR1010.1000	A120
				Receiver	HSF542001D		NASA	All Others	UA	ALLT	CR4610.1000 DR1010.1000 CR3101.0000	993
Resource Allocation from Agency to Enterprises												
4	Transfer between NASA Level 1 Fund Center to Level 2 Fund Center (UPN/FPN), and assign Functional Area – COP	FR58	Agency	Sender	HSF542001D	AUTH	NASA	All Others	UA	ALLT	DR4610.1000 DR3101.0000 CR1010.1000	991
				Receiver	HSF542001D		376	All Others	088	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation from Enterprises to Centers												
5	Transfer between UPN Level 2 Fund Center to UPN-SYS (or SYS-SubSYS) Level 3 Fund Center	FR54	Enterprises/ Functional Offices	Sender	HSF542001D	AUTH	376	All Others	088	AUTH	DR4610.2000 DR3101.0000 CR1010.1000	992
				Receiver	HSF542001D		62-376-10	All Others	088	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation within Center												
6	Transfer between Level 3 Fund Center to Carrier Account/Cost Pool Commitment Item (9000.XXXX)	FR54	Center	Sender	HSF542001D	CNTR	62-376-10	All Others	088	AUTH	DR4610.2000	992
				Receiver	HSF542001D		62-376-10	9000.82	088	AUTH	CR4610.2000	
Resource Allocation within Center												

7	Transfer between Level 3 Fund Center to Level 4 Carrier Account/Cost Pool Fund Center	FR58	Center	Sender	HSF542001D	POOL	62-376-10	9000.82	088	POOL	DR4610.2000	992
				Receiver	HSF542001D		62-992PMS	All Others	UA	POOL	CR4610.2000	

Step	Type transaction	T-Code	Level	To/From	Fund (Examples)	Doc Type	Fund Center	Comm Item	Func. Area	Budget Subtype	SGL Accounts	Pro Forma
Appropriation & Warrant Received by the Agency												
1	Load Original Budget	FR50	Agency	NA	HSFX12002D	APPR	NASA	All Objects	UA	APPR	DR4119.0000 CR4450.0000 DR1010.1000 CR3101.0000	A104
Apportionment Approved by OMB												
2	Transfer between Budget Sub-type Appropriation to Apportionment	FR58	Agency	Sender	HSFX12002D	ALLT	NASA	All Objects	UA	APPR	DR4450.0000 DR3101.0000 CR1010.1000	A116
				Receiver	HSFX12002D		NASA	All Objects	UA	APPO	CR4510.0000 DR1010.1000 CR3101.0000	993
Allotment Posted by Agency												
3	Transfer between Budget Sub-type Apportionment to Allotment	FR58	Agency	Sender	HSFX12002D	ALLT	NASA	All Objects	UA	APPO	DR4510.0000 DR3101.0000 CR1010.1000	A120
				Receiver	HSF412002D		NASA	1000	UA	ALLT	CR4610.1000 DR1010.1000 CR3101.0000	993
Resource Allocation from Agency to Enterprises												
4	Transfer between NASA Level 1 Fund Center to Level 2 Fund Center (UPN/FPN), and assign Functional Area – COP	FR58	Agency	Sender	HSF412002D	AUTH	NASA	1000	UA	ALLT	DR4610.1000 DR3101.0000 CR1010.1000	991
				Receiver	HSF412002D		11	1000	124	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation from Enterprises to Centers												
5	Transfer between UPN Level 2 Fund Center to UPN-SYS (or SYS-SubSYS) Level 3 Fund Center	FR54	Enterprises/F unctional Offices	Sender	HSF412002D	AUTH	11	1000	124	AUTH	DR4610.2000 DR3101.0000 CR1010.1000	992
				Receiver	HSF412002D		62-PRC	1000	124	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation within Center												

6	Transfer between Level 3 Fund Center to a Level 4 Fund Center	FR54	Center	Sender	HSF412002D	CNTR	62-PRC	1000	124	AUTH	DR4610.2000	992
				Receiver	HSF412002D		62- HSFLABOR	1000	124	AUTH	CR4610.2000	

Step	Type transaction	T-Code	Level	To/From	Fund (Examples)	Doc Type	Fund Center	Comm Item	Func. Area	Budget Subtype	SGL Accounts	Pro Forma
Appropriation & Warrant Received by the Agency												
1	Load Original Budget	FR50	Agency	NA	HSFX12002D	APPR	NASA	All Objects	UA	APPR	DR4119.0000 CR4450.0000 DR1010.1000 CR3101.0000	A104
Apportionment Approved by OMB												
2	Transfer between Budget Sub-type Appropriation to Apportionment	FR58	Agency	Sender	HSFX12002D	ALLT	NASA	All Objects	UA	APPR	DR4450.0000 DR3101.0000 CR1010.1000	A116
				Receiver	HSFX12002D		NASA	All Objects	UA	APPO	CR4510.0000 DR1010.1000 CR3101.0000	993
Allotment Posted by Agency												
3	Transfer between Budget Sub-type Apportionment to Allotment	FR58	Agency	Sender	HSFX12002D	ALLT	NASA	All Objects	UA	APPO	DR4510.0000 DR3101.0000 CR1010.1000	A120
				Receiver	HSF422002D		NASA	2000	UA	ALLT	CR4610.1000 DR1010.1000 CR3101.0000	993
Resource Allocation from Agency to Enterprises												
4	Transfer between NASA Level 1 Fund Center to Level 2 Fund Center (UPN/FPN), and assign Functional Area – COP	FR58	Agency	Sender	HSF422002D	AUTH	NASA	2000	UA	ALLT	DR4610.1000 DR3101.0000 CR1010.1000	991
				Receiver	HSF422002D		11	2000	125	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation from Enterprises to Centers												
5	Transfer between UPN Level 2 Fund Center to UPN-SYS (or SYS-SubSYS) Level 3 Fund Center	FR54	Enterprises/F unctional Offices	Sender	HSF422002D	AUTH	11	2000	125	AUTH	DR4610.2000 DR3101.0000 CR1010.1000	992
				Receiver	HSF422002D		62-Travel	2000	125	AUTH	CR4610.2000 DR1010.1000 CR3101.0000	993
Resource Allocation within Center												
6	Transfer between Level 3 Fund Center to a Level 4 Fund Center	FR54	Center	Sender	HSF422002D	CNTR	62-Travel	2000	125	AUTH	DR4610.2000	992

				Receiver	HSF422002D		62-MPTTravel	2000	125	AUTH	CR4610.2000	
--	--	--	--	----------	------------	--	--------------	------	-----	------	-------------	--

Step	Type transaction	T-Code	Level	To/From	Fund (Examples)	Doc Type	Fund Center	Comm Item	Func. Area	Budget Subtype	SGL Accounts	Pro Forma
Anticipated Reimbursements are Estimated												
1	Enter Anticipated Reimbursements for Agency based on Center estimates	FR50	Agency	NA	HSFX12001R or HSFX22001R	APPR	NASA	All Objects	UA	APPR	DR4210.0000 CR4450.0000	A302
Apportionment Approved by OMB												
2	Transfer between Budget Sub-type Anticipated to Apportionment	FR58	Agency	Sender	HSFX12001R or HSFX22001R	ALLT	NASA	All Objects	UA	APPR	DR4450.0000	A118
				Receiver	HSFX12001R or HSFX22001R		NASA	All Objects	UA	APPO	CR4590.0000	
Resource Allocation by Agency												
3	Transfer between Budget Sub-type Apportionment to Allotment	FR58	Agency	Sender	HSFX12001R or HSFX22001R	ALLT	NASA	All Objects	UA	APPO	DR4590.0000	994
				Receiver	HSF372001R or HSF412001R or HSF542001R		NASA	All Others	UA	ALLT	CR4590.0000	
Resource Allocation from Agency to Enterprises												
4	Transfer between NASA Level 1 Fund Center to Level 2 Fund Center (UPN/FPN), and assign Functional Area – COP	FR58	Agency	Sender	HSF542001R	AUTH	NASA	All Others	UA	ALLT	DR4590.0000	994
				Receiver	HSF542001R		376	All Others	088	AUTH	CR4590.0000	
Resource Allocation from Enterprises to Centers												
5	Transfer between UPN Level 2 Fund Center to UPN-SYS (or SYS-SubSYS) Level 3 Fund Center	FR54	Enterprises/ Functional Offices	Sender	HSF542001R	AUTH	376	All Others	088	AUTH	DR4590.0000	994
				Receiver	HSF542001R		62-376-10	All Others	088	AUTH	CR4590.0000	
Resource Allocation within Center												

6	Transfer between Level 3 Fund Center to Carrier Account/Cost Pool Commitment Item (9000.XXXX)	FR54	Center	Sender	HSF542001R	CNTR	62-376-10	All Others	088	AUTH	DR4590.0000	994
				Receiver	HSF542001R		62-376-10	9000.82	088	AUTH	CR4590.0000	
Acceptance of Reimbursable Order												
7	Funds Reservation Created	FMX1	Center	Sender	HSF542001R	RI	62-376-10	All Others	088		DR4590.0000	A122
											CR4610.2000	
Resource Allocation within Center												
8	Transfer between Level 3 Fund Center to Level 4 Carrier Account/Cost Pool Fund Center	FR58	Center	Sender	HSF542001R	POOL	62-376-10	9000.82	088	POOL	DR4610.2000	992
				Receiver	HSF542001R		62-992PMS	All	UA	POOL	CR4610.2000	