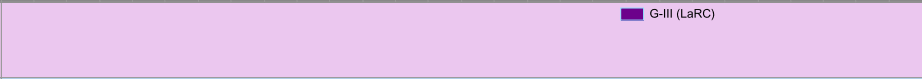


Tasks	PS/PE/PM	PI	Assigned To	Hours	2024		2025				2026				2027				2028				2029				2030					
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
EMIT cal/val for GHG Center - 24	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (DA)	100	B-200 (DA)																											
ARCSIX	Maring, Markus	Konrad Schmidt (University of CO - Boulder)	G-III (LaRC) P-3	168 (G-III), 189 (P-3)	G-III (LaRC) P-3																											
SARP 24	Lefer, Kim	Glenn Wolfe (GSFC), Melissa Martin (HQ)	B-200 (DA) P-3	52.8 (P-3), 74 (B-200)	B-200 (DA) P-3																											
FireSense UAS Demo	Lefer		UAS		UAS																											
EMIT cal/val for GHG Center - 25	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (other)	100	B-200 (other)																											
Aboveground Carbon Stock Changes in Dynamic Tropical Forests	Jucks	Michael Keller (USFS)	Other		Other																											
SARP 25	Lefer / Kim	Melissa Martin (HQ)	P-3		P-3																											
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems)	Lefer	Glenn Wolfe (GSFC)	P-3		P-3																											
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems) - Animals	Lefer	Glenn Wolfe (GSFC)	B-200 (LaRC)		B-200 (LaRC)																											
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	ER-2	100	ER-2																											
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	WB-57	100	WB-57																											
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	ER-2	100	ER-2																											
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	WB-57	100	WB-57																											
TASC-CH4 - AMAZON - 26	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	B777	90	B777																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	B777	90	B777																											
TASC-CH4 - AMAZON - 27	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)																											
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 27	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	G-III (LaRC)																											
AOS Suborbital Prep	Maring		B777 ER-2 P-3		B777 ER-2 P-3																											

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024				2025				2026				2027				2028				2029				2030			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 28	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	<div style="background-color: #e0b0ff; width: 100%; height: 100%; display: flex; align-items: center; justify-content: center;"> ■ G-III (LaRC) </div>																											
EMIT cal/val for GHG Center - Santa Barbara	Argyro Kavvada (U.S. GHG Center)	Andrew Thorpe (JPL)	B-200 (DA)	100																												

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024		2025				2026				2027				2028				2029				2030					
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
EMIT cal/val for GHG Center - 24	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (DA)	100	B-200 (DA)																											
ARCSIX	Maring, Markus	Konrad Schmidt (University of CO - Boulder)	G-III (LaRC) P-3	168 (G-III), 189 (P-3)	G-III (LaRC) P-3																											
SARP 24	Lefer, Kim	Glenn Wolfe (GSFC), Melissa Martin (HQ)	B-200 (DA) P-3	52.8 (P-3), 74 (B-200)	B-200 (DA) P-3																											
FireSense UAS Demo	Lefer		UAS		UAS																											
EMIT cal/val for GHG Center - 25	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (other)	100	B-200 (other)																											
Aboveground Carbon Stock Changes in Dynamic Tropical Forests	Jucks	Michael Keller (USFS)	Other		Other																											
SARP 25	Lefer / Kim	Melissa Martin (HQ)	P-3		P-3																											
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems)	Lefer	Glenn Wolfe (GSFC)	P-3		P-3																											
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems) - Animals	Lefer	Glenn Wolfe (GSFC)	B-200 (LaRC)		B-200 (LaRC)																											
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	ER-2	100	ER-2																											
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	WB-57	100	WB-57																											
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	ER-2	100	ER-2																											
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	WB-57	100	WB-57																											
TASC-CH4 - AMAZON - 26	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	B777	90	B777																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	B777	90	B777																											
TASC-CH4 - AMAZON - 27	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)																											
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 27	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	G-III (LaRC)																											
AOS Suborbital Prep	Maring		B777 ER-2 P-3		B777 ER-2 P-3																											

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024				2025				2026				2027				2028				2029				2030			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 28	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126																												
EMIT cal/val for GHG Center - Santa Barbara	Argyro Kavvada (U.S. GHG Center)	Andrew Thorpe (JPL)	B-200 (DA)	100																												

Twin Otter (all)

Approved Flight Request (FR)

Open FR

No FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024		2025				2026				2027				2028				2029				2030							
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
PACE-PAX (Plankton, Aerosol, Cloud, ocean Ecosystem Postlaunch Airborne eXperiment)	Lorenzoni	Kirk Knobelspiesse (GSFC)	ER-2 Twin Otter (CIRPAS)	60	■ ER-2 Twin Otter (CIRPAS)																													
REMIR (Reduced Envelope Multispectral Infrared Radiometer)	SLI-T-19	Michael Veto (Ball Aerospace)	Twin Otter		Twin Otter																													
Estimating Subsurface Fault Geometries and Slip Rates with Remote Sensing Data Analysis of Alluvial Fans	Phillips	Adam Cawood (Southwest Research Institute)	Twin Otter (CIRPAS)		■ Twin Otter (CIRPAS)																													

B-200 (all)

Approved Flight Request (FR)

Open FR

No FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024				2025				2026				2027				2028				2029				2030			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
QUAKES-I - 24	Phillips	Andrea Donnellan (JPL)	B-200 (AFRC)	17	B-200 (AFRC)																											
EMIT cal/val for GHG Center - 24	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (DA)	100	B-200 (DA)																											
CHAPS-D (Compact Hyperspectral Air Pollution Sensor-Demonstrator)	ESTO-IIP-19	Benjamin Stewart (Johns Hopkins University)	B-200	14	B-200																											
SARP 24	Lefer, Kim	Glenn Wolfe (GSFC), Melissa Martin (HQ)	B-200 (DA) P-3	52.8 (P-3), 74 (B-200)	B-200 (DA) P-3																											
CASALS pt. 1	ESTO - IIP-19	Guangning Yang (GSFC)	B-200 (LaRC)	25	B-200 (LaRC)																											
FireSense - 25	Lefer	Melissa Martin	B-200 (DA)		B-200 (DA)																											
CASALS pt. 2 (Concurrent Artificially-intelligent Spectrometry and Adaptive Lidar System)	ESTO - IIP-19	Guangning Yang (GSFC)	B-200 (LaRC)	15	B-200 (LaRC)																											
BLUEFLUX 2 - 25	Lorenzoni	Glenn Wolfe (GSFC)	A90 (DA) B-200 (AFRC) B-200 (LaRC)	72	A90 (DA) B-200 (AFRC) B-200 (LaRC)																											
EMIT cal/val for GHG Center - 25	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (other)	100	B-200 (other)																											
Uncertainty and scaling of wildland fire emissions: Integrating variability in fuel properties for biomass burning carbon emissions inventory	Falkowski	Nancy French (Michigan Tech. Research Institute)	B-200 (in general) G-IV		B-200 (in general) G-IV																											
Spatio-Temporal Dynamics of Nearshore Processes and Their Impacts on the Coastal Arctic Ecosystem - 25	Lorenzoni	Wesley Moses (NRL)	B-200 (DA)	30	B-200 (DA)																											
CASALS test flights	ESTO - IIP-19	Guangning Yang (GSFC)	B-200 (LaRC)	15	B-200 (LaRC)																											
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems) - Animals	Lefer	Glenn Wolfe (GSFC)	B-200 (LaRC)		B-200 (LaRC)																											
Spatio-Temporal Dynamics of Nearshore Processes and Their Impacts on the Coastal Arctic Ecosystem - 26	Lorenzoni	Wesley Moses (NRL)	B-200 (DA)	30	B-200 (DA)																											
Terrestrial Ecology field campaign (ARID or PANGEA)	Margolis		B-200 (DA)		B-200 (DA)																											
Spatio-Temporal Dynamics of Nearshore Processes and Their Impacts on the Coastal Arctic Ecosystem - 27	Lorenzoni	Wesley Moses (NRL)	B-200 (DA)	30	B-200 (DA)																											
FireSense Capstone - 27	Fowler / Falkowski		B-200 B777	150	B-200 B777																											
EMIT cal/val for GHG Center - Santa Barbara	Argyro Kavvada (U.S. GHG Center)	Andrew Thorpe (JPL)	B-200 (DA)	100																												

Other

Approved Flight Request (FR)

Open FR

No FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024				2025				2026				2027				2028				2029				2030				
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
G-LiHT ALTIRS 2024		Bruce Cook (NASA GSFC)	A90 (DA)	16					A90 (DA)																								
BLUEFLUX - 24	Lorenzoni	Glenn Wolfe (GSFC)	A90 (DA)	35					A90 (DA)																								
A Roadmap for Soil Organic Content Retrieval in U.S. Agriculture Lands Using Hyperspectral Imagery		Ronald Lockwood (MIT)	Cessna 206						Cessna 206																								
NISAR cal/val - 25 (ISRO NASA AVIRIS Imaging Spectroscopy Campaign Phase 2B)	Kaye	Robert Green (JPL)	Other	250					Other																								
BLUEFLUX 2 - 25	Lorenzoni	Glenn Wolfe (GSFC)	A90 (DA) B-200 (AFRC) B-200 (LaRC)	72									A90 (DA) B-200 (AFRC) B-200 (LaRC)																				
Aboveground Carbon Stock Changes in Dynamic Tropical Forests	Jucks	Michael Keller (USFS)	Other						Other																								
NISAR cal/val - 26	Kaye	Robert Green (JPL)	Other	250									Other																				
NISAR cal/val - 27	Kaye	Robert Green (JPL)	Other	250													Other																

G-III (AFRC and LaRC)

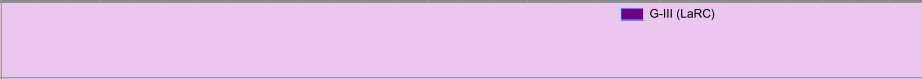
Approved Flight Request (FR)

Open FR

No FR

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024				2025				2026				2027				2028				2029				2030			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Sea ice thickness with P-band	Bawden	Benjamin Holt (JPL)	G-III (AFRC)	3	■ G-III (AFRC)																											
LaRC G-III Engine swap	LaRC		G-III (LaRC)		■ G-III (LaRC)																											
AfriSAR 2	Margolis and Pavlick, Bawden	Yunling Lou (JPL)	G-III (AFRC)	113	■ G-III (AFRC)																											
AfriSAR 2	Margolis and Pavlick, Bawden	Yunling Lou (JPL)	G-III (AFRC)	80	■ G-III (AFRC)																											
ARCSIX	Maring, Markus	Konrad Schmidt (University of CO - Boulder)	G-III (LaRC) P-3	168 (G-III), 189 (P-3)	■ G-III (LaRC) P-3																											
Germany Bistatic Experiment	Bawden	Yunling Lou (JPL)	G-III (AFRC)	17.6	■ G-III (AFRC)																											
STV demo - forest topography	Margolis and Pavlick	Marc Simard (JPL)	G-III (AFRC)	6	■ G-III (AFRC)																											
ABoVE (Arctic Boreal Vulnerability Experiment) - 24	Margolis and Pavlick	Charles Miller (JPL)	G-III (AFRC)		■ G-III (AFRC)																											
GEDI cal/val (Singapore and Brunei) - 25	Margolis and Pavlick (?)	James Blair (GSFC)	G-III (LaRC)	150	■ G-III (LaRC)																											
Ocean Color opportunity	Lorenzoni		G-III (LaRC)		■ G-III (LaRC)																											
PBL Tech Demo	Emory	Amin Nehrir (LaRC)	G-III (LaRC)	150	■ G-III (LaRC)																											
TASC-CH4 - AMAZON - 26	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		■ G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	■ G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	■ G-III (LaRC)																											
TASC-CH4 - AMAZON - 27	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		■ G-III (LaRC)																											
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 27	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	■ G-III (LaRC)																											
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 28	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	■ G-III (LaRC)																											

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024		2025				2026				2027				2028				2029				2030					
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
EMIT cal/val for GHG Center - 24	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (DA)	100	B-200 (DA)																											
ARCSIX	Maring, Markus	Konrad Schmidt (University of CO - Boulder)	G-III (LaRC) P-3	168 (G-III), 189 (P-3)	G-III (LaRC) P-3																											
SARP 24	Lefer, Kim	Glenn Wolfe (GSFC), Melissa Martin (HQ)	B-200 (DA) P-3	52.8 (P-3), 74 (B-200)	B-200 (DA) P-3																											
FireSense UAS Demo	Lefer		UAS		UAS																											
EMIT cal/val for GHG Center - 25	Kavvada (GHG Center), Kaye, Lefer, Margolis and Pavlick	Andrew Thorpe (JPL)	B-200 (other)	100	B-200 (other)																											
Aboveground Carbon Stock Changes in Dynamic Tropical Forests	Jucks	Michael Keller (USFS)	Other		Other																											
SARP 25	Lefer / Kim	Melissa Martin (HQ)	P-3		P-3																											
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems)	Lefer	Glenn Wolfe (GSFC)	P-3		P-3																											
NTERFAACE (Nitrogen and Carbon Terrestrial Fluxes: Agriculture, Atmospheric Composition, and Ecosystems) - Animals	Lefer	Glenn Wolfe (GSFC)	B-200 (LaRC)		B-200 (LaRC)																											
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	ER-2	100	ER-2																											
PYREX (Pyrocumulonimbus Experiment) - 26	Lefer	David Peterson (NRL)	WB-57	100	WB-57																											
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	ER-2	100	ER-2																											
PYREX (Pyrocumulonimbus Experiment) - 27	Lefer	David Peterson (NRL)	WB-57	100	WB-57																											
TASC-CH4 - AMAZON - 26	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Mexico City	Lefer	Jim Crawford (NASA LaRC)	B777	90	B777																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	G-III (LaRC)	100	G-III (LaRC)																											
HAMAQ (Hemispheric Airborne Measurements of Air Quality) - Domestic	Lefer	Jim Crawford (NASA LaRC)	B777	90	B777																											
TASC-CH4 - AMAZON - 27	Lefer, Kaye	Amin Nehrir (LaRC)	G-III (LaRC)		G-III (LaRC)																											
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 27	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126	G-III (LaRC)																											
AOS Suborbital Prep	Maring		B777 ER-2 P-3		B777 ER-2 P-3																											

Tasks	PS/PE/PM	PI	Assigned To	Hours	2024				2025				2026				2027				2028				2029				2030			
					Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
FORTE (Arctic Coastlines–The Frontlines of Rapidly Transforming Ecosystems) - 28	Lefer	Maria Tzortziou (City College of New York)	G-III (LaRC)	126																												
EMIT cal/val for GHG Center - Santa Barbara	Argyro Kavvada (U.S. GHG Center)	Andrew Thorpe (JPL)	B-200 (DA)	100																												