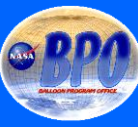


# FY23 Balloon Program Office Flight Manifest



Goddard Space Flight Center

Wallops Flight Facility

Mission	Discipline	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>McMurdo Station, Antarctica</b>													
<i>Austral Summer '22</i>													
Fillippini / UI / SPIDER	IR, Submillimeter, Radio			♦									
Roth / WFF / 60 MCF Qualification Flight IV • Clem / UD / AESOP [Payload of Opportunity]	Qualification Flight			Cancelled by NSF									
Roth / WFF / 60 MCF Qualification Flight V • Sample / MSU / BOOMS [Piggyback]	Qualification Flight			Cancelled by NSF									
Salter / CSBF / LAURA • Bowman / NSL / ANIHALA [Piggyback]	Qualification Flight			Cancelled by BPO									
<b>Wanaka, New Zealand</b>													
<i>Austral Fall '23</i>													
Fairbrother / WFF / SPB SN08 • Jones / PU / SuperBIT [Payload of Opportunity]	Qualification Flight							♦					
Fairbrother / WFF / SPB SN09 • Olinto / UC / EUSO [Payload of Opportunity]	Qualification Flight								♦ Failure				
<b>Palestine, Texas</b>													
<i>Summer '23</i>													
Tang / JPL / WHATSUP [Hand Launch]	Solar System										♦		
Fries / JSC / CDCP (ETF) [Hand Launch]	Solar System										Cancelled by PI		

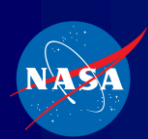
Primary missions supporting piggybacks during FY23 campaigns:

## McMurdo Station

- Roth / WFF / 60 MCF Qualification Flight IV
- Bowman / SNL / ANIHALA

## Wanaka

- Jones / PU / SuperBIT
- Youngberg / WFF / WALRUSS
  - Choquette / WFF / Starlink



# FY23 Balloon Program Office Flight Manifest, Continued



Goddard Space Flight Center

Wallops Flight Facility

Mission	Discipline	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>Fort Sumner, New Mexico</b>	<b>Fall '23</b>												
McConnell / UNH / GRAPE	Gamma Ray												◆
Salter / CSBF / CSBF Test Flight Salter	Test Flight											◆	
Granger / LSU / HASP	Student Outreach												◆
Martin / CalTech / FIREBall-II (T)	UV and Visible											Science Failure	◆
Kleinboehl / JPL / JPL-Remote (T)	Earth Science												◆
Nagler / GSFC / EXCITE (T)	IR, Submillimeter, Radio											Delayed to FY24	
Wender / LANL / TinMan [Hand Launch]	Gamma Ray											Delayed to FY24	
Boering / UCB / MATTADOR-TF	Upper Atmosphere											Cancelled by PI	
Granger / LSU / HASP Test Flight	Student Outreach											Cancelled by PI	
Kogut / GSFC / BOBCAT	IR, Submillimeter, Radio											Cancelled by PI	
Kogut / GSFC / PIPER (T)	IR, Submillimeter, Radio											Cancelled by PI	
Krawczynski / UWStL / DR-TES	Gamma-Ray											Cancelled by PI	
Mullenax / CSBF / CSBF TF Mullenax	Test Flight											Cancelled by PI	
Switzer / GSFC / EXCLAIM	IR, Submillimeter, Radio											Cancelled by PI	
Vieira / UI / TIM (ETF)	IR, Submillimeter, Radio											Cancelled by PI	
Young / SWRI / THAI-SPICE (T)	UV and Visible											Cancelled by PI	

## Primary missions supporting piggybacks during FY23 campaigns:

### Ft. Sumner

- Salter / CSBF / CSBF Test Flight
- Agee-DeHart / Idoodlelearning.com/CIS
- Barcnas / NPI / EMIDSS-4
- Edmonson / MaxIQ / bluCube
- Yoder / WFF / DINGO
- Yoder / WFF / SPARROW
- Youngberg / WFF / WALRUSS
- Zhou / UCLA / BALBOA

### Salter / CSBF / CSBF Test Flight (cont.)

- BPO / DRAGON
  - Collicott / Purdue Uni. / DRAGONFly
  - Howard / ND / IRIS
  - Letcher / SDSU / Project Jack Drop
  - Marlow / Princeton Uni. / BRGR
  - Nokes / UT Austin / FLOATING LONGHORN
  - Robinson / UC Davis / HERMES

### McConnell / UNH / GRAPE

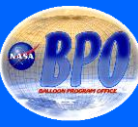
- Kierans / GSFC / ComPair
- John / UA / IRCSP
- Klienboehl / JPL / JPL-Remote
- Christensen / JPL / WISTLS
- Nagler / GSFC / EXCITE
- Sewell / UCAR / DIMS

### Acronyms:

ETF            Engineering Test Flight  
T                Turnaround Mission



# FY23 Balloon Program Office Flight Manifest - Piggybacks



Goddard Space Flight Center

Wallops Flight Facility

Mission	Discipline	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
<b>McMurdo Station, Antarctica</b>	<b>Austral Summer '22</b>												
Sample / MSU / BOOMS	Geospace Sciences			Cancelled by NSF									
Bowman / SNL / ANIHALA	Geophysical Acoustics			Cancelled by BPO									
<b>Wanaka, New Zealand</b>	<b>Austral Fall '23</b>												
Youngberg / WFF / WALRUSS	Tech Demo							◆					
Choquette / WFF / Starlink	Tech Demo							◆					
<b>Fort Sumner, New Mexico</b>	<b>Fall '23</b>												
Agee-DeHart / Idoodelearning.com / CiS	Student Outreach											◆	
Barcnas / NPI / EMIDSS-4	Upper Atmosphere											◆	
Christensen / JPL / WISTLS	Upper Atmosphere												◆
Edmonson / MaxIQ / bluCube	Student Outreach											◆	
John / UA / IRCSP	Upper Atmosphere												◆
Kierans / GSFC / ComPair	Gamma-Ray												◆
Yoder / WFF / DINGO	Tech Development											◆	
Yoder / WFF / SPARROW	Tech Development											◆	
Youngberg / WFF / WALRUSS	Tech Development											◆	
Zhou / UCLA / BALBOA	Geospace Sciences											◆	
Collicott / Purdue Uni. / DRAGONFly	Student Outreach / DRAGON											◆	
Howard / ND / IRIS	Student Outreach / DRAGON											◆	
Robinson / UC Davis / HERMES	Student Outreach / DRAGON											◆	
Sewell / UCAR / DIMS	Upper Atmosphere												Delayed to FY24
Letcher / SDSU / Project Jack Drop	Student Outreach / DRAGON												Delayed to FY25
Marlow / Princeton Uni. / BRGR	Student Outreach / DRAGON												Delayed to FY25
Nokes / UT Austin / FLOATING LONGHORN	Student Outreach / DRAGON												Delayed to FY25
Bailey / VT / GLO	Upper Atmosphere												Cancelled by PI