

GPS Flight Recorder Calibration Table



Cumulus Soaring, Inc.
8661 Conelly Place
Savage, MN 55378-2169
952-445-9033
paul@remde.us
cumulus-soaring.com

Calibration Date: March 1, 2025

Next Calibration Due: March 1, 2030

GPS Flight Recorder Type: PowerFLARM Core

GPS Flight Recorder Serial Number: KXC

Calibration Log Filename: 29RGKXC1-Calibrated-2025-03-01.igc

Flight Recorder IGC Approved Max. Altitude 8191 m (26,873 ft)

Reference Altimeter: Honeywell HPA200, SN: 60736

Calibrated by Paul E. Remde (signature):

A handwritten signature in purple ink that reads 'Paul E. Remde'.

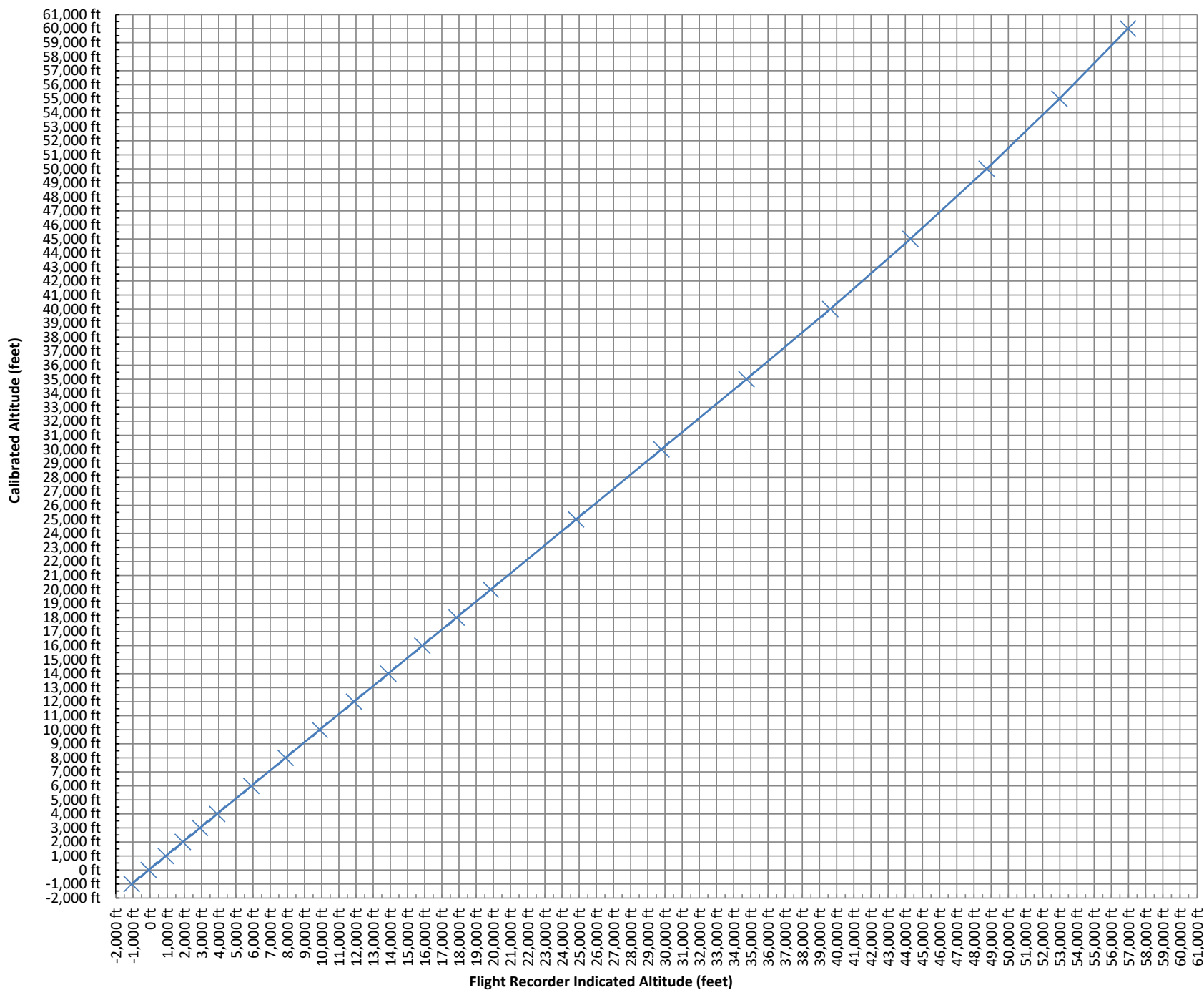
Reference Altitude (Calibrated Altimeter)		Flight Recorder Indicated Altitude	
-1,000 ft	-304.8 m	-1,070 ft	-326.1 m
0 ft	0.0 m	-75 ft	-22.9 m
1,000 ft	304.8 m	919 ft	280.1 m
2,000 ft	609.6 m	1,913 ft	583.1 m
3,000 ft	914.4 m	2,910 ft	887.0 m
4,000 ft	1,219.2 m	3,907 ft	1,190.9 m
6,000 ft	1,828.8 m	5,896 ft	1,797.1 m
8,000 ft	2,438.4 m	7,894 ft	2,406.1 m
10,000 ft	3,048.0 m	9,888 ft	3,013.9 m
12,000 ft	3,657.6 m	11,883 ft	3,621.9 m
14,000 ft	4,267.2 m	13,875 ft	4,229.1 m
16,000 ft	4,876.8 m	15,863 ft	4,835.0 m
18,000 ft	5,486.4 m	17,858 ft	5,443.1 m
20,000 ft	6,096.0 m	19,849 ft	6,050.0 m
25,000 ft	7,620.0 m	24,820 ft	7,565.1 m
30,000 ft	9,144.0 m	29,790 ft	9,080.0 m
35,000 ft	10,668.0 m	34,747 ft	10,590.9 m
40,000 ft	12,192.0 m	39,626 ft	12,078.0 m
45,000 ft	13,716.0 m	44,295 ft	13,501.1 m
50,000 ft	15,240.0 m	48,740 ft	14,856.0 m
55,000 ft	16,764.0 m	52,979 ft	16,148.0 m
60,000 ft	18,288.0 m	56,972 ft	17,365.1 m



Calibration Graph

Date: March 1, 2025

PowerFLARM Core, SN: KXC



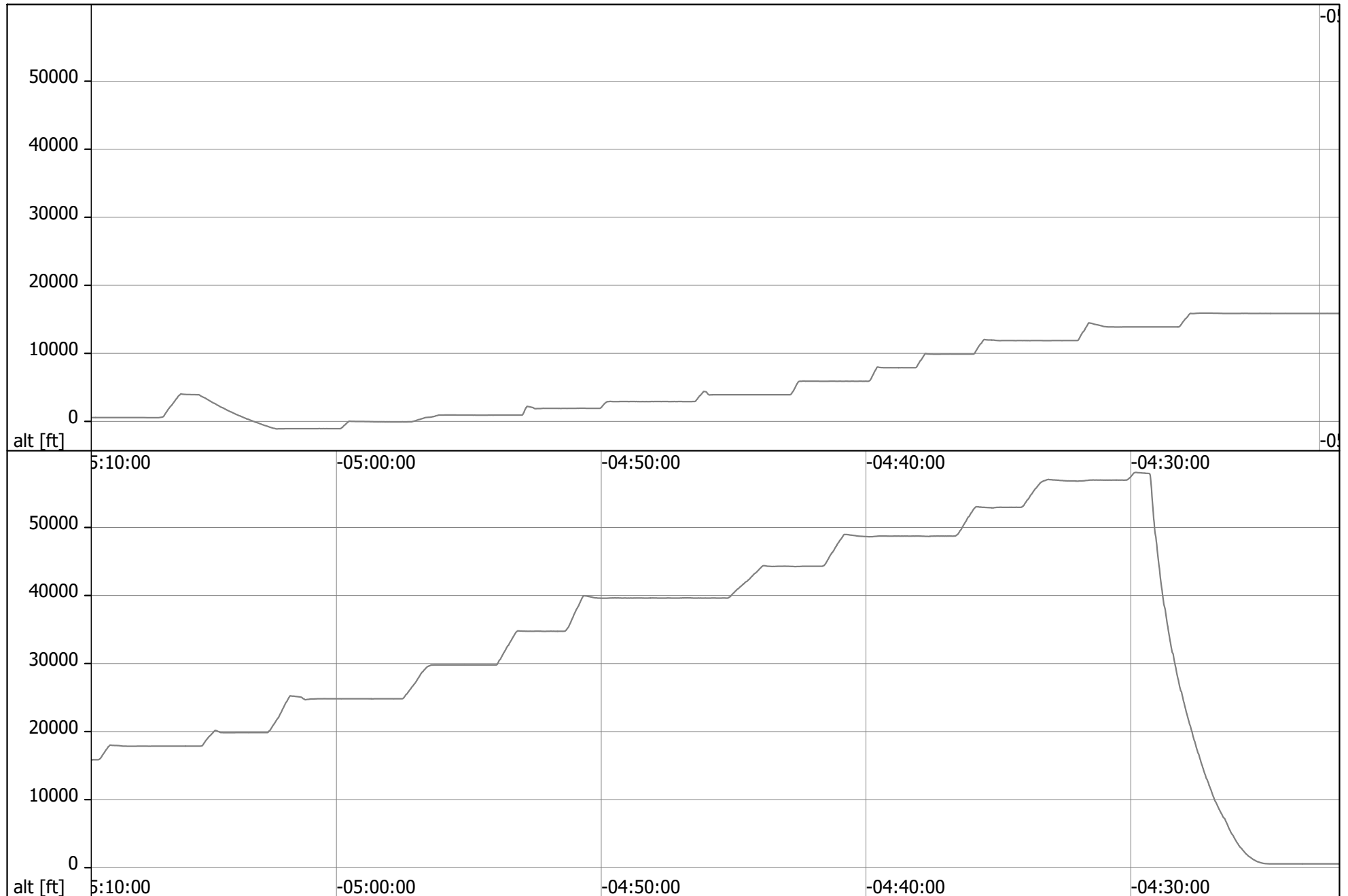
Barogram

29RGKXC1-Calibrated-2025-03-01.IGC

Date: Wednesday, January 1, 2070

Pilot: Holger Klotz

Glider: Discus CS

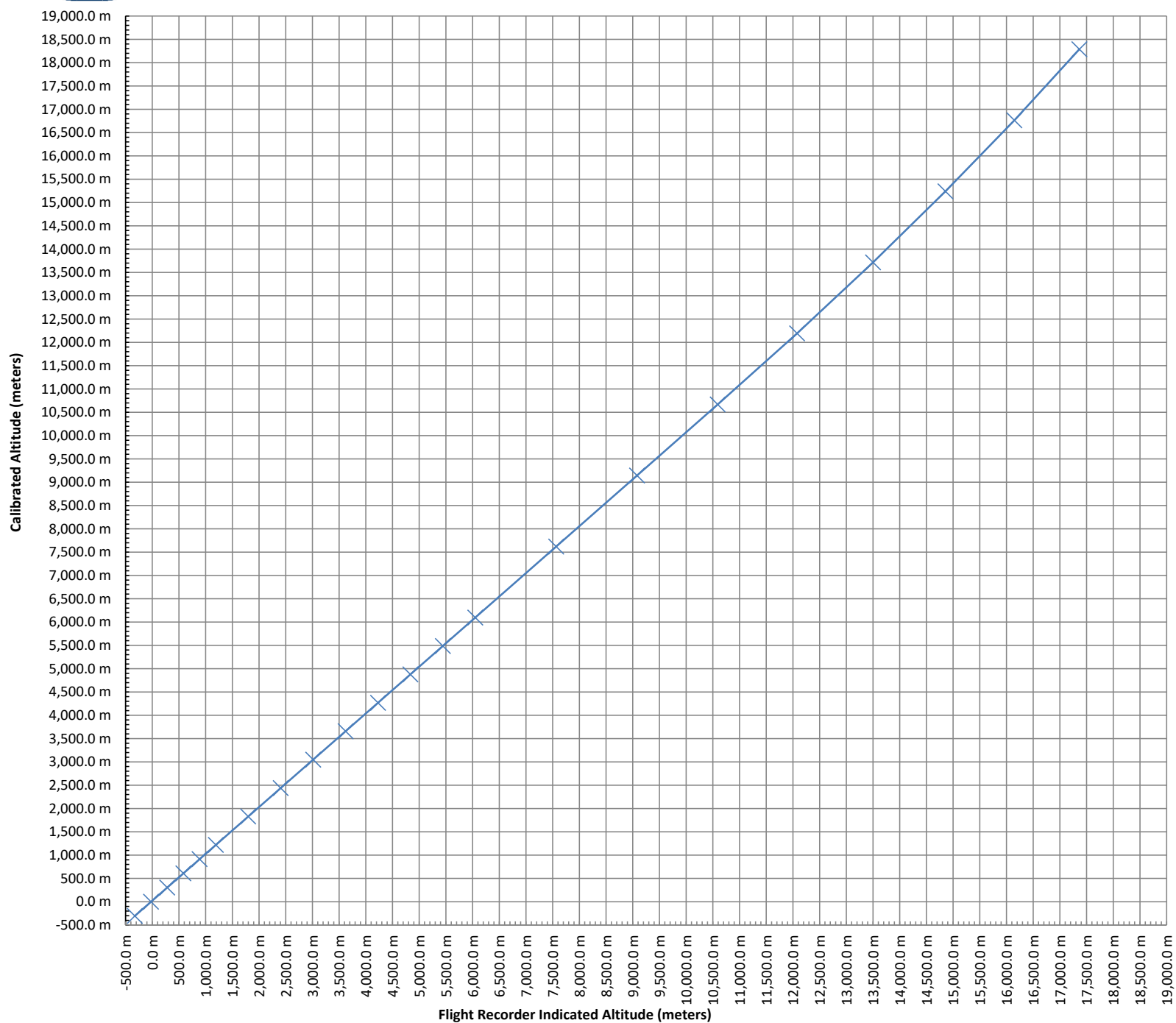




Calibration Graph

Date: March 1, 2025

PowerFLARM Core, SN: KXC



Barogram

29RGKXC1-Calibrated-2025-03-01.IGC

Date: Wednesday, January 1, 2070

Pilot: Holger Klotz

Glider: Discus CS

