

Interstellar Technologies Inc.

USER'S
GUIDE
of

Sounding Rocket
MOMO

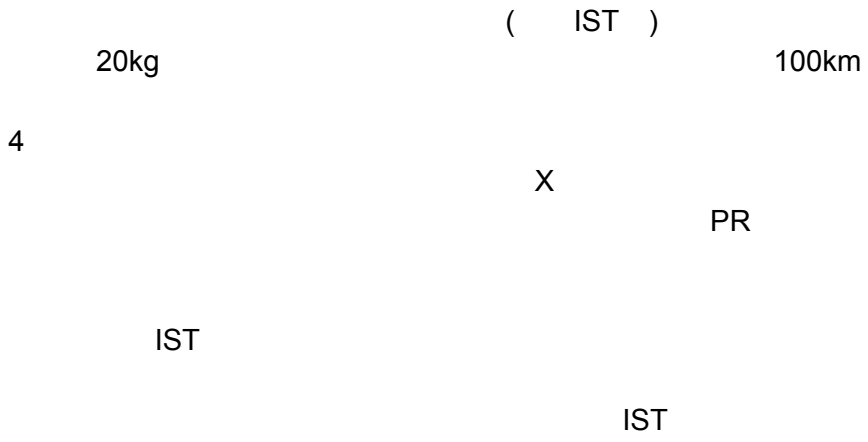
インターステラテクノロジズ 株式会社

- _____
- _____
- 1. _____
 - 1-1. _____
 - 1-2. _____
 - 1-3. _____
- 2. _____
 - 2-1. _____
 - 2-2. _____
 - 2-3. _____
 - 2-4. _____
 - 2-5. _____
 - 2-6. _____
- 3. _____ () _____
 - 3-1. _____
 - 3-2. _____
 - 3-3. _____
 - 3-4. _____
 - 3-5. _____
- 4. _____
 - 4-1. _____
 - 4-2. _____
- 5. _____
 - 5-1. _____
- 6. _____

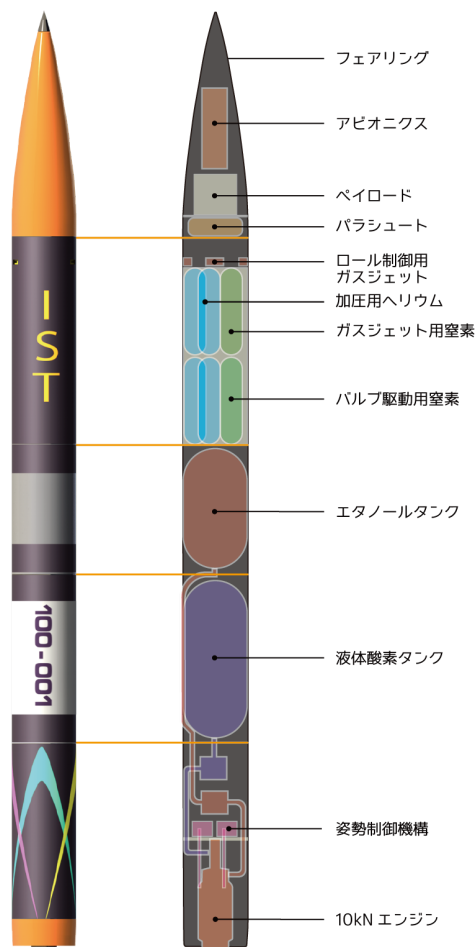
2016 5 22 ver.0.1 Beta

1.

1-1.



1-2.



(LOX)

(EA)

(... 8.5 m)
 ... 900 kg ()
 ... 250 kg ()
 ... 500 mm

1-3.

80

42.5058857°
143.4571724°



IST

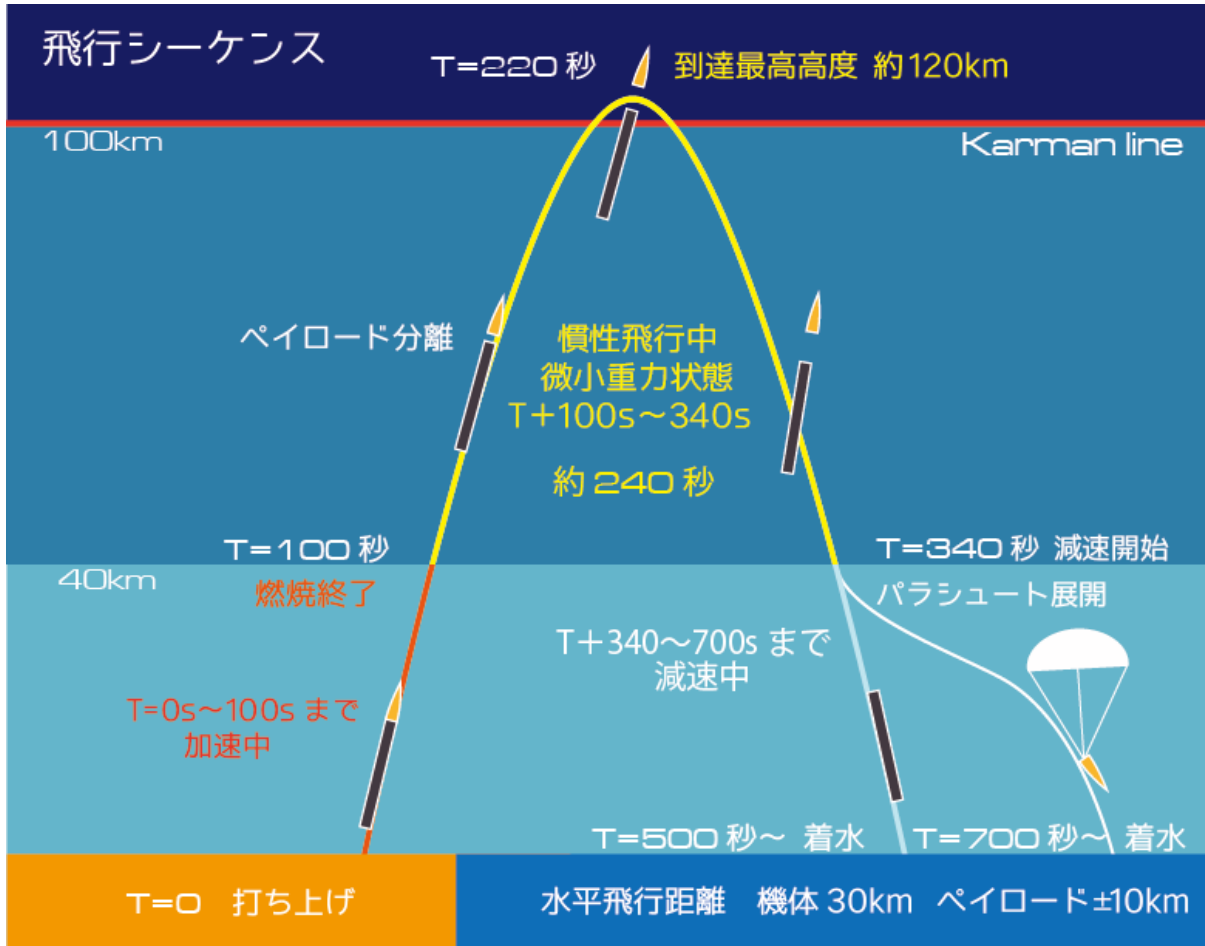
15

2.

2-1.

T 0s 100s
 T 100s 340s
 T 340 700s

3



2-2.

1km	20
2km	30
5km	45
10km	60

2-3.

: 5G

2-4.

(0 10 km)	60	
(10 50km)		50
(50 80km)		30
(80km)	180	

2-5.

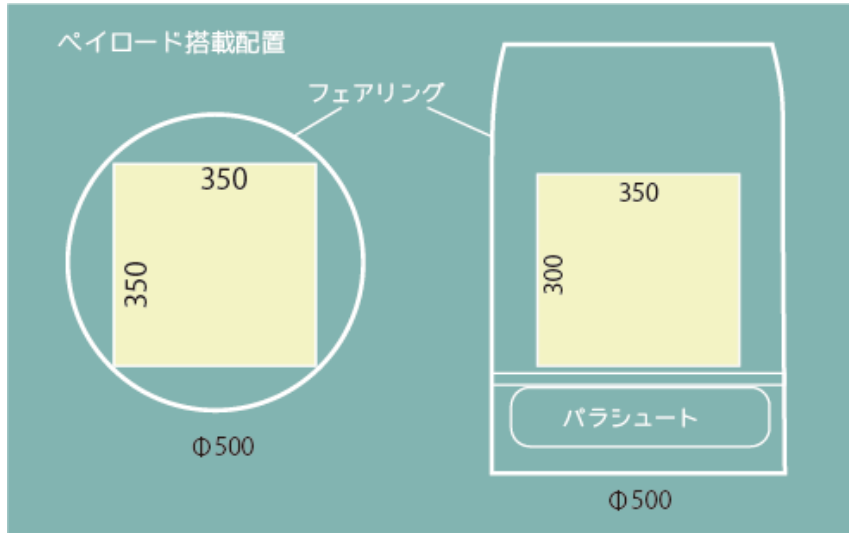
10 ⁻¹ G	240
10 ⁻² G	200
10 ⁻⁴ G	150

2-6.

: 15m/s()

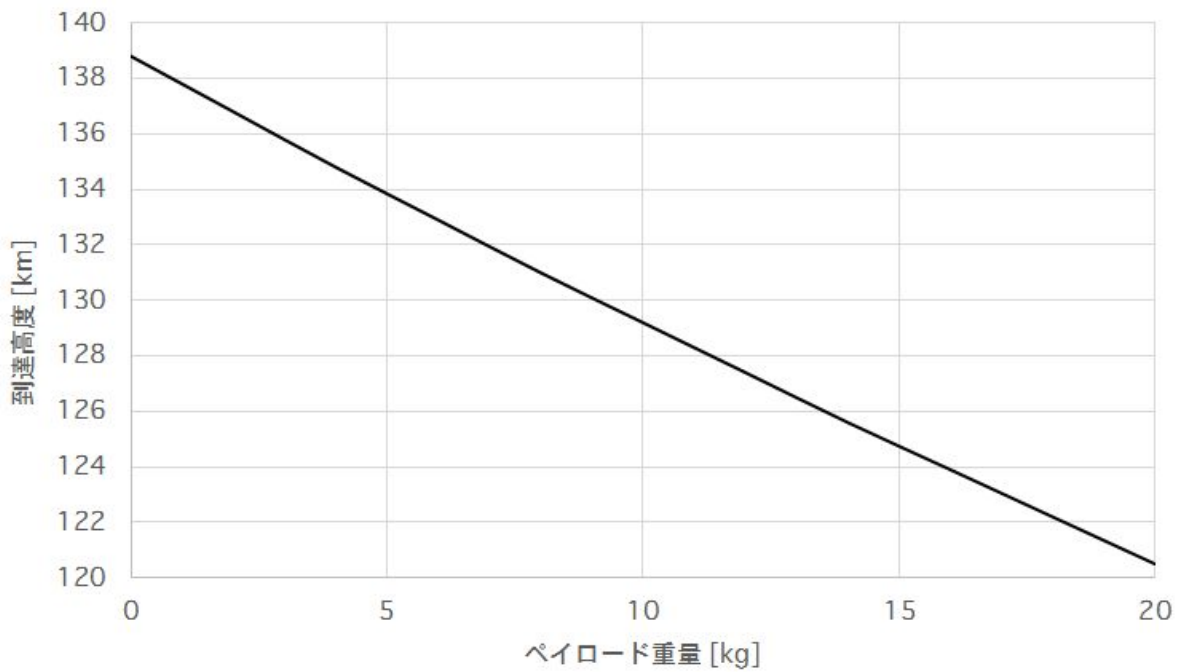
3. ()

3-1.



: 350×350×300mm
 : 20kg
 15kg()

ペイロード重量と到達高度との関係



3-2.

12V DC

3-3.

(())

3-4.

3

3 7

3-5.

4.

4-1.

3 4m 500mm

4-2.

5.

5-1.

IST

6.

2006

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112-0005	2	6-3	MM	B102
2003	5			
9,000				

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