

APOLLO 12	
CSM LUNAR LANDMARK MAPS	
PART NO	S/N
SKB32100081-322	1001

Flown on Apollo 12
Richard Gordon, CMP.

10°S

0°S

0°

NORTH
105°ESCALE
2,500,000' APPROX

NM

120 276

90

60

30

0

281

279

273

275

202

110°E

120°E

125°E

CE1
LAT = 05.767°
LONG/2 = +56.000°
ALT = 000.00 NM
(2+00)
(1+40)
(1+20)
(1+00)
(0+40)
(0+20)

IP (2+12)

Shown on Apollo 11
Richard Gordon
CMT

14 NOVEMBER 1969

282

42

NORTH

SCALE

1:630,000 (APPROX)

40

30

20

10

0

CP1

LAT = -05.00
LONG /2 = +56.000
ALT = 000.00 NM

(2 + 00)

(1 + 40)

(1 + 20)

Planned on Apollo XII
Richard Gordon
CMF

05°S

14 NOVEMBER 1969

115°E

CP 1

10°S

NORTH

55°E

SCALE
1:630,000 (APPROX)

42

11 + 2

CP2
LAT = -10.250°
LONG/2 = +28.092°
ALT = +000.01 NM
ALT = -000.81 NM

(1 + 20)

(1 + 00)

(0 + 40)

NM
40

30

20

10

0

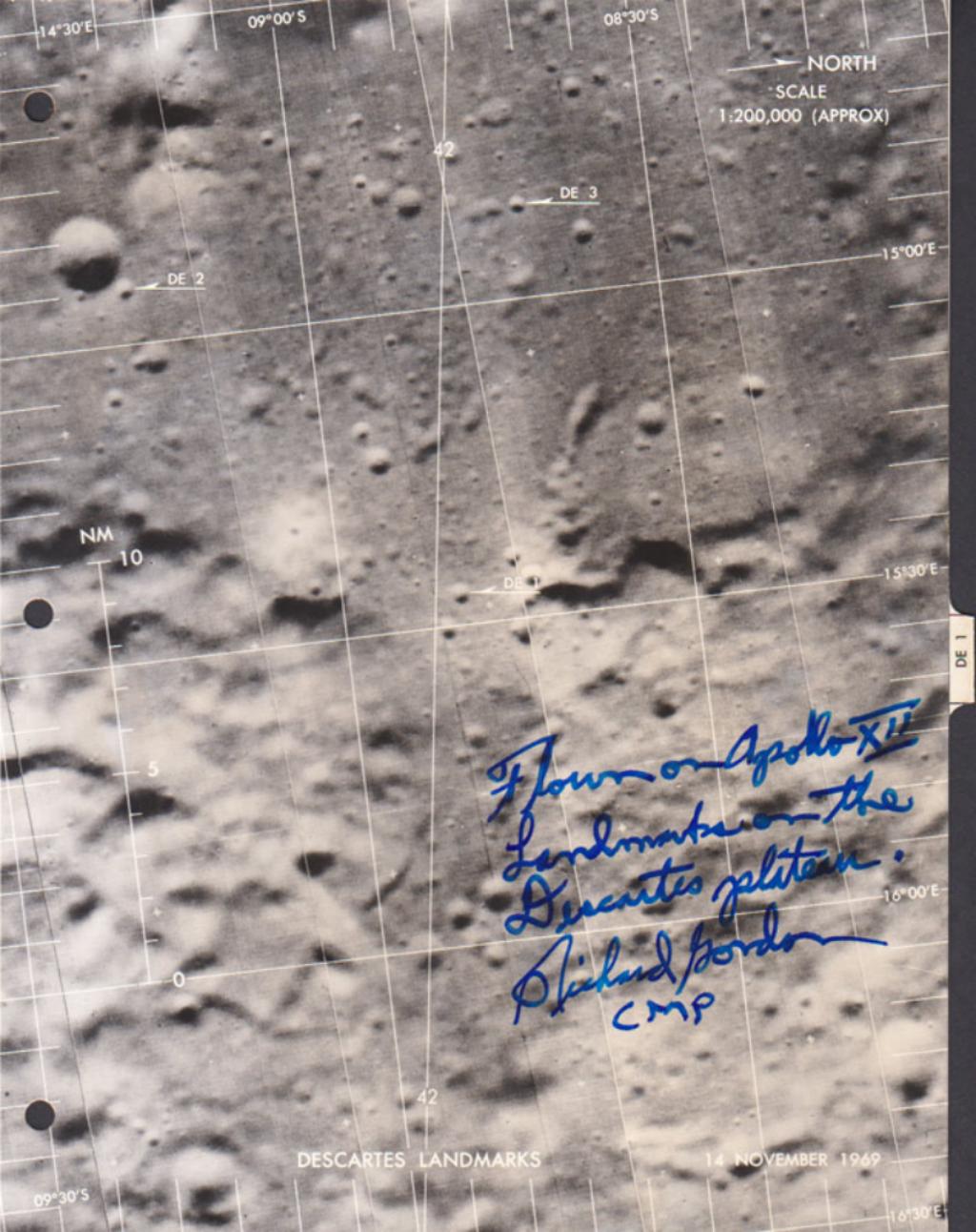
42

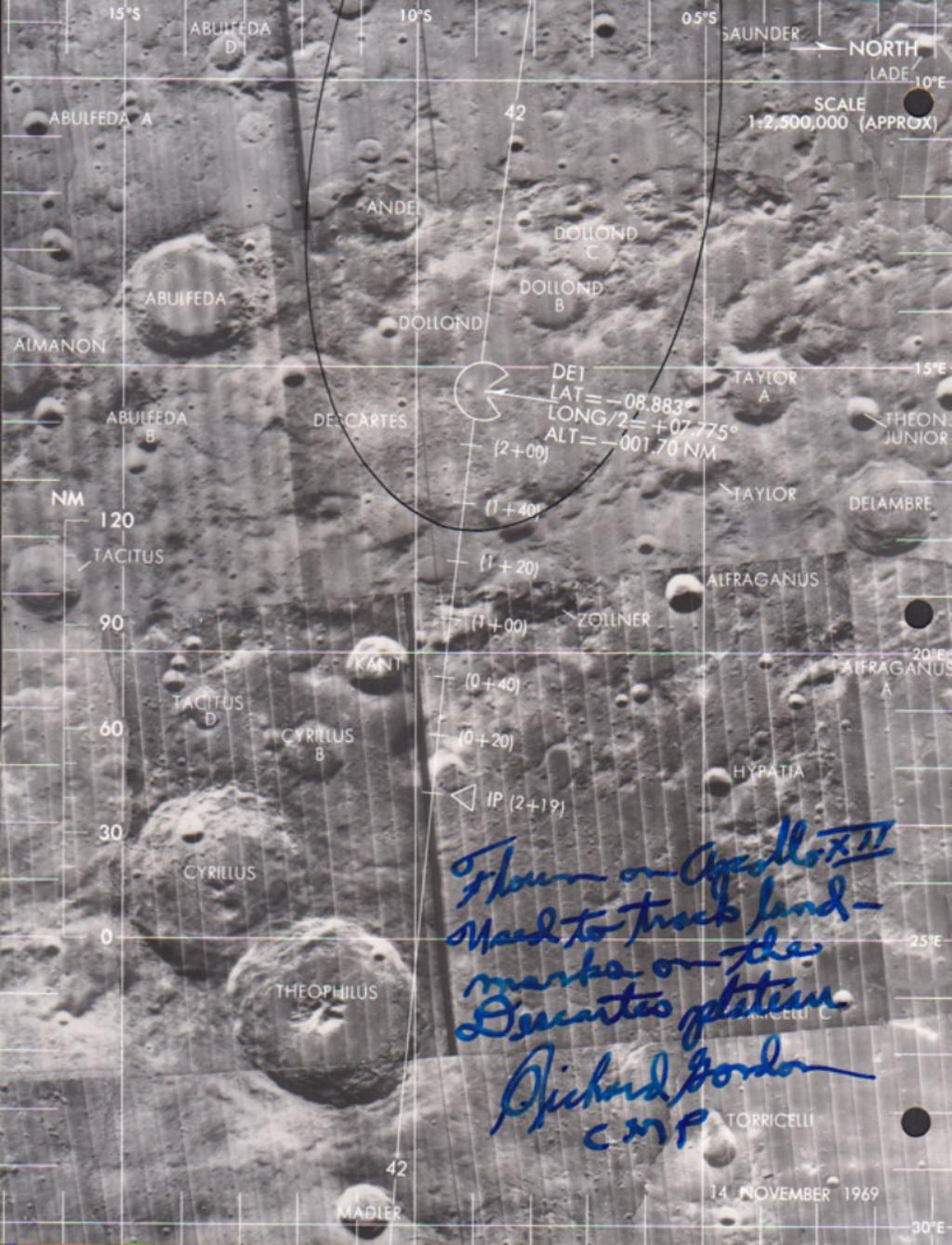
60°E

Glow on Apollo 11
Richard Gordon, CAP

14 NOVEMBER 1969

CP2





ELEVATION ANGLE 41°

From on Apollo XI
The Deserates landing site
as viewed through the COAS
and showing the area covered
by the 500mm camera lens.

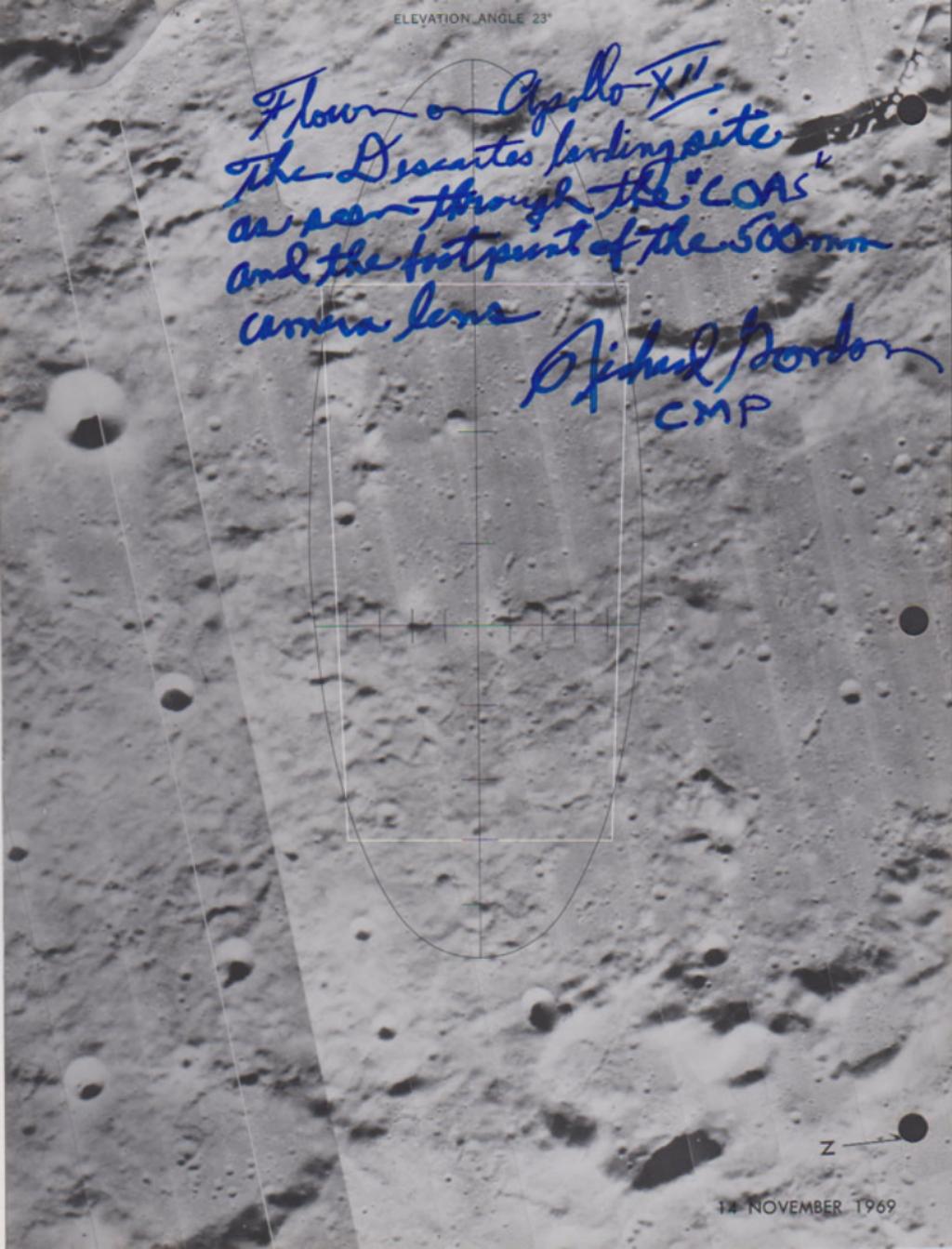
Richard Gordon
CMP



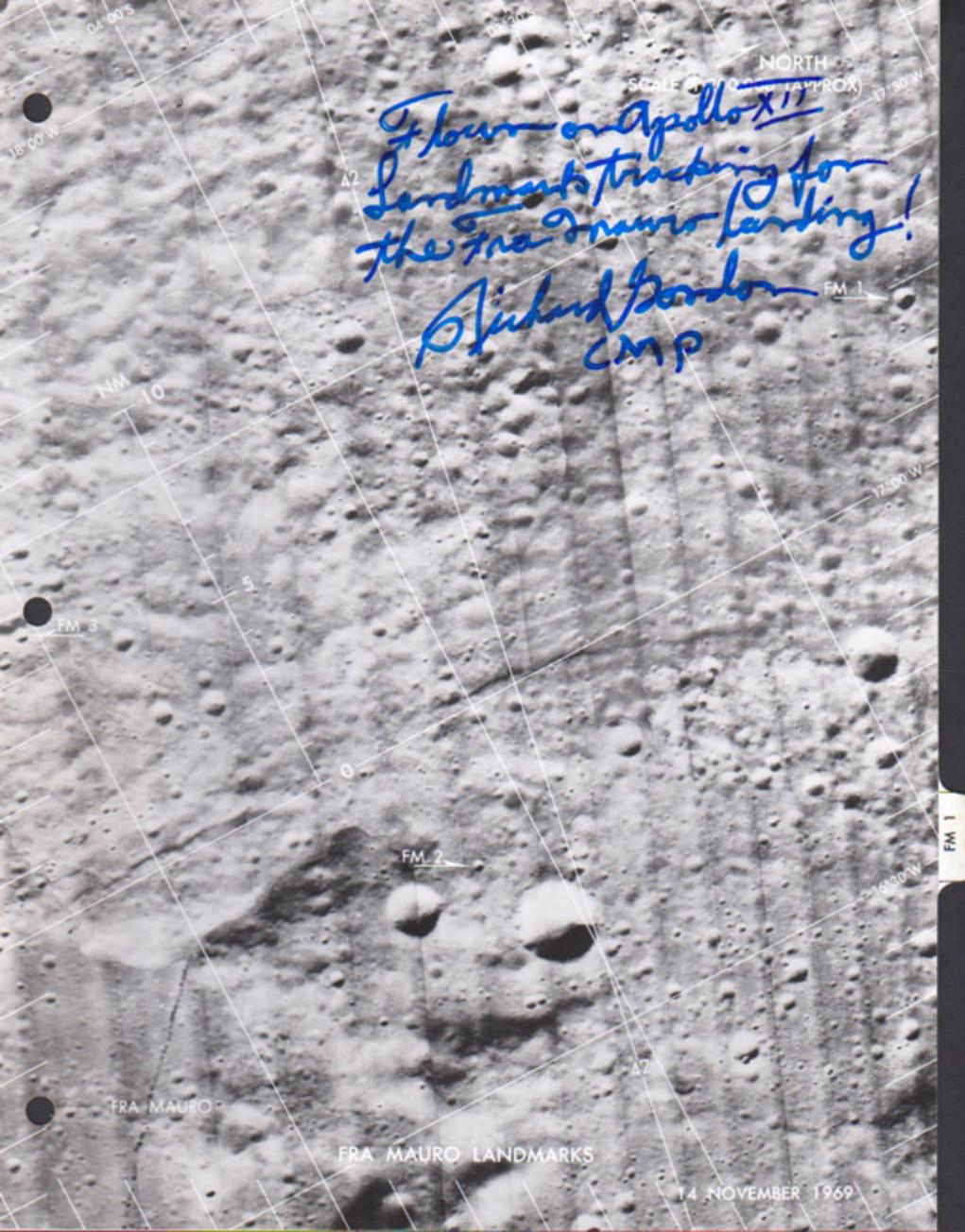
Z →

Flown on Apollo-XII
The Descartes landing site
as seen through the "CAMS"
and the footprint of the 500-mm
camera lens

Richard Gordon
CMP



Z



Flown on Apollo 11
Landing tracking for
the Fra Mauro landing!
Richard Gordon
CMF

FRA MAURO

FRA MAURO LANDMARKS

14 NOVEMBER 1969

10°S

05°S

00°

NORTH

SCALE

1:2,500,000 (APPROX)

25°W

REINHOLD

KNOWN SEA

~~Flight on Apollo Mo-XIT~~
~~Londonderry tracking of FM 1~~
~~on Lunar revolution 42~~

*Richard D. Gordon
CMF*

FM + MAURO

FM 1
LAT = -03.22^o
LONG/2 = -08.665^o
ALT = -001.56 NM
PARRY



ELEVATION ANGLE 41°

Flown on Apollo XII
The Fra Mauro landing site
and foot print of the COAS
and 500mm camera lens

Richard Gordon
CMP

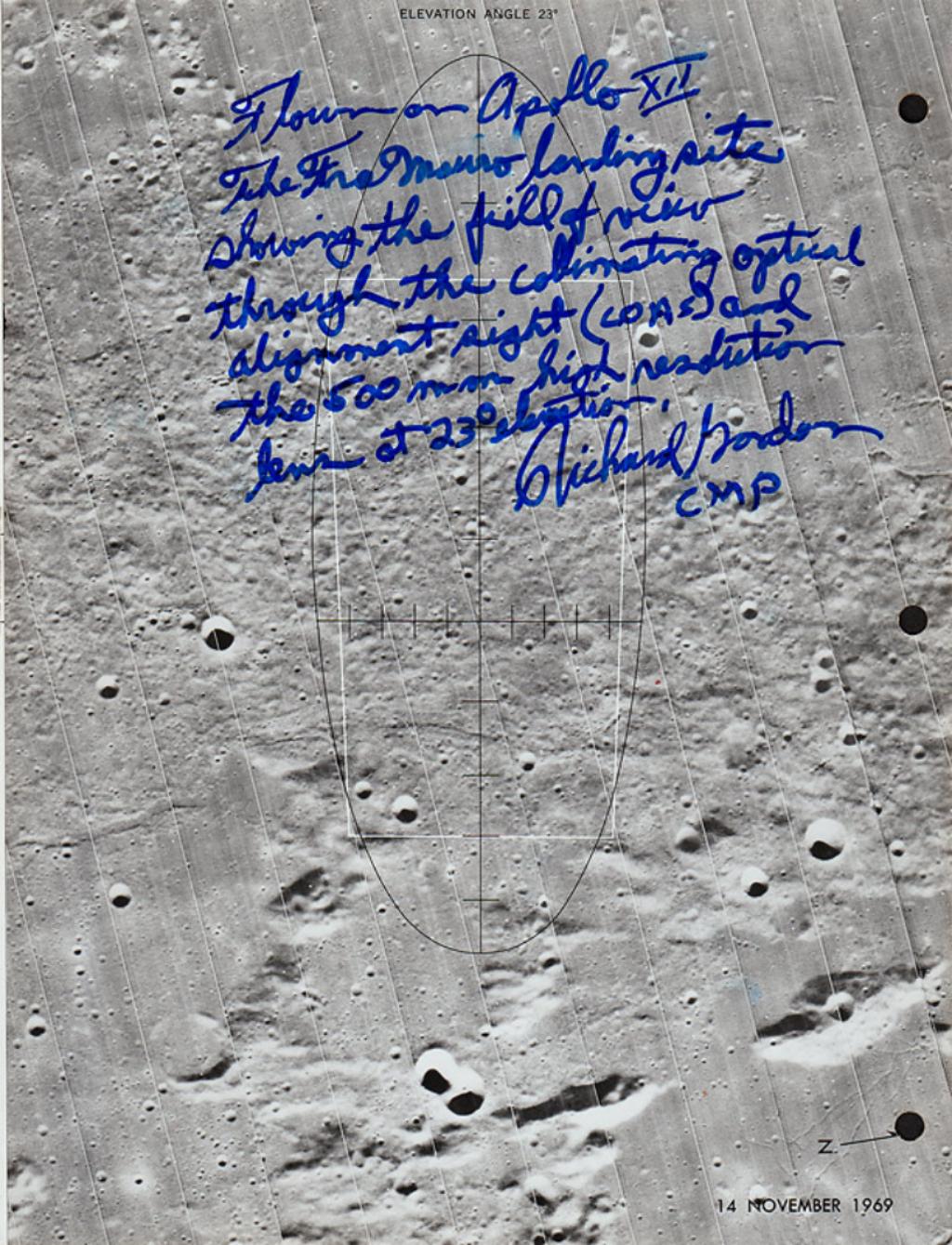


COAS FM 41

Z →

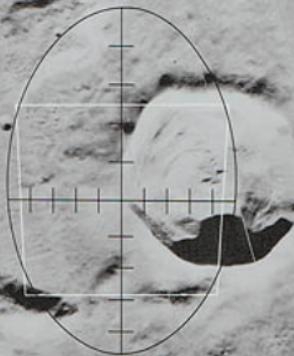
T4 NOVEMBER 1969

Flown on Apollo XII
The Fra Mauro landing site
Showing the field of view
through the collimating optical
alignment sight (COAS) and
the 500 mm high resolution
lens at 23° elevation.
Richard Gordon
CMP



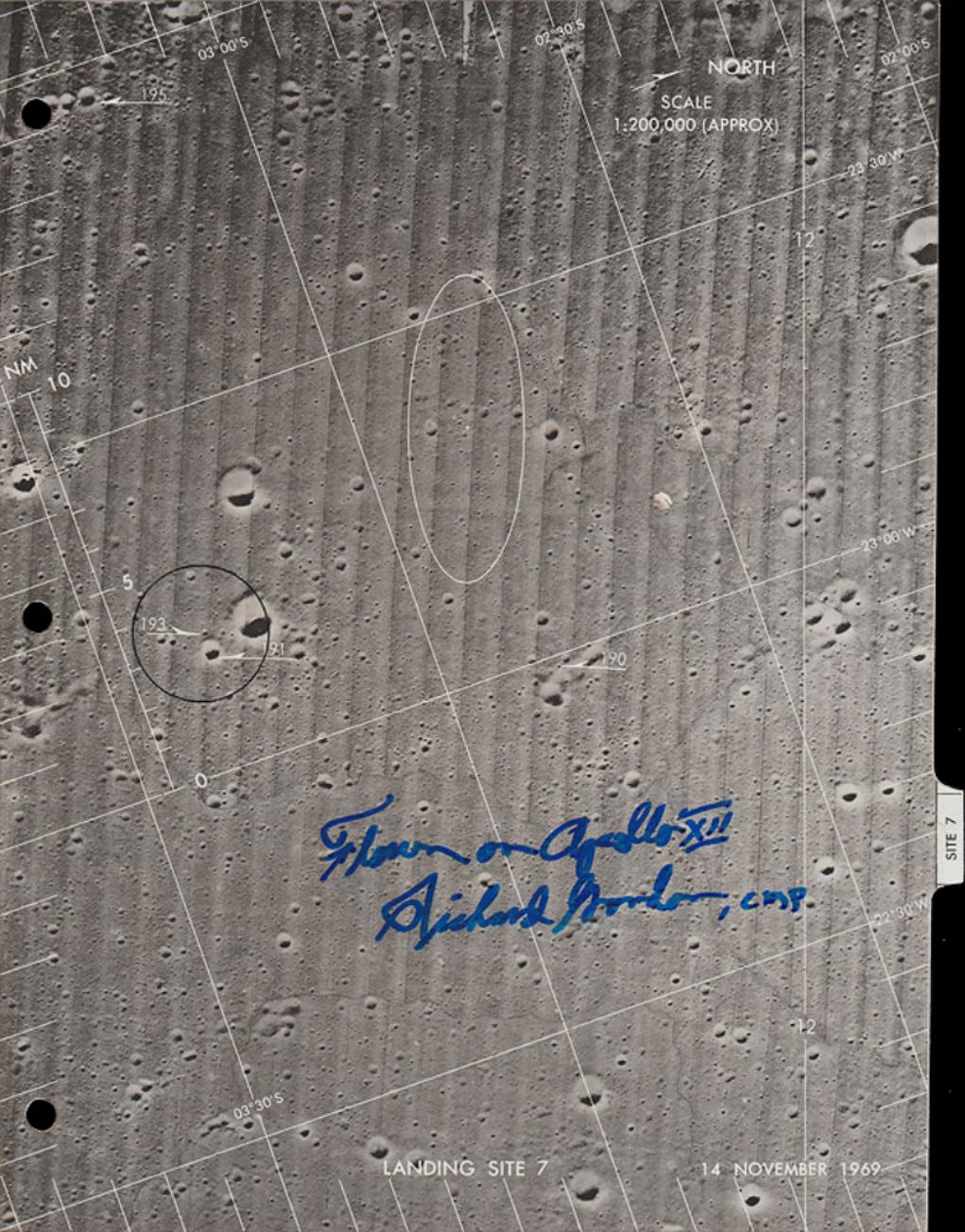


ELEVATION ANGLE 41°



Fly over on Apollo 13
Richard Gordon, cmg
Other target, Le Lende

Z →



SCALE
1:400,000 (APPROX)

12

LANSBERG P

195

190

EUCLIDES KA

EUCLIDES K

193

191

*Flew on Apollo 11
Richard Gordon
<me>*

12

LANDING SITE 7

14 NOVEMBER 1969

LAT 7

NOVEMBER 1969

1:100,000

27°W

LAT 7

27°W



LANDING SITE 7 OBLIQUE
14 NOVEMBER 69 LAUNCH DATE

TARGET POINT: NOMINAL
6000' ALTITUDE



Drawn on Apollo 10
Richard Gordon, cmr

LANDING SITE 7 OBLIQUE
14 NOVEMBER '69 LAUNCH DATE

TARGET POINT: NOMINAL
4000 ALTITUDE



Fly on Apollo 17
Richard Gordon, CMP

LANDING SITE 7 OBLIQUE
14 NOVEMBER 1969 LAUNCH DATE

TARGET POINT: NOMINAL
2000 ALTITUDE



LANDING SITE 2 OBLIQUE
14 NOVEMBER 69 LAUNCH DATE

TARGET POINT: 21,888 FEET EAST
6000 FOOT A DE

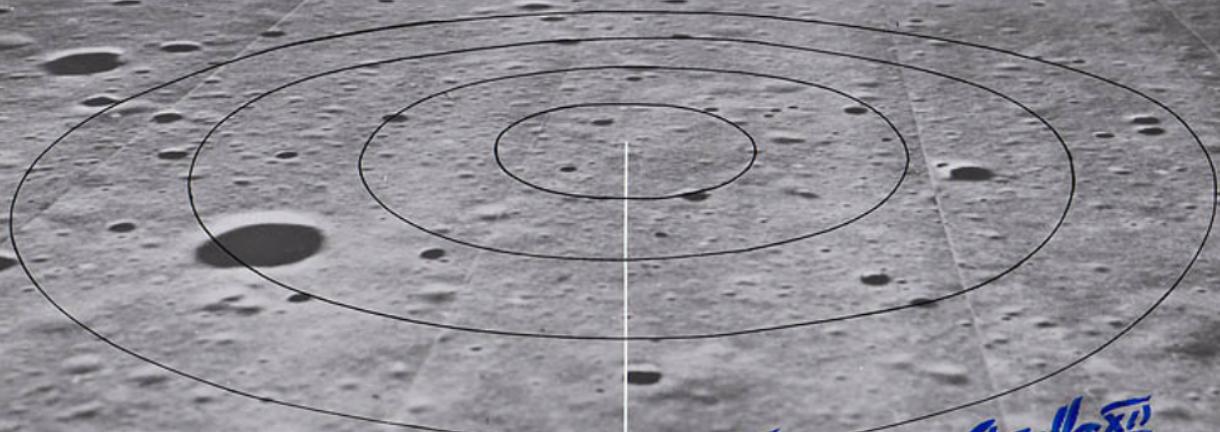
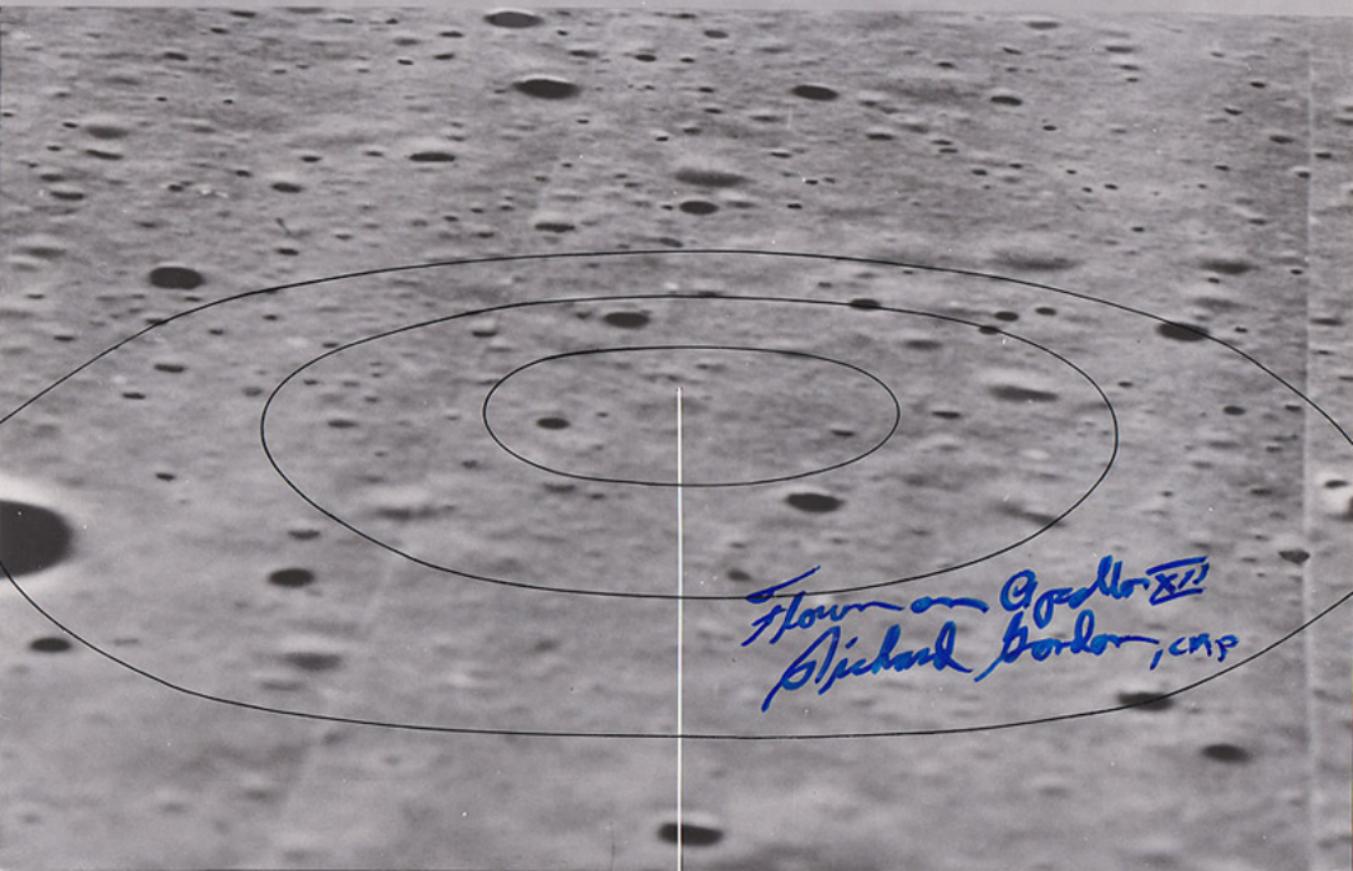


Photo on Apollo XII
Richard Gordon, cnp

LANDING SITE 7 OBLIQUE

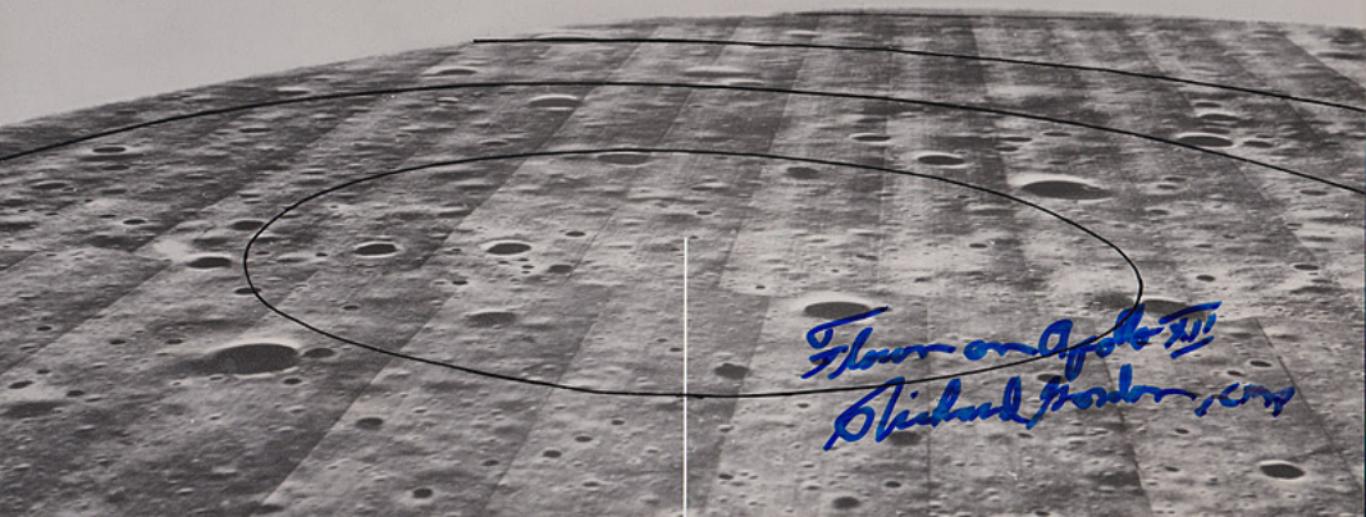
14 NOVEMBER 69 LAUNCH DATE

TARGET POINT, 21,888 FEET EAST
4000 FOOT A DE



LANDING SITE 7 OBLIQUE
14 NOVEMBER '69 LAUNCH DATE

TARGET POINT: 21,888 FEET EAST
2000 FOOT ALT. 9E



LANDING SITE 7 OBLIQUE
14 NOVEMBER 69 LAUNCH DATE

TARGET POINT - 8,500 FEET WEST
6000 FOOT ALTIMETER



LANDING SITE 7 OBLIQUE
14 NOVEMBER 1969 LAUNCH DATE

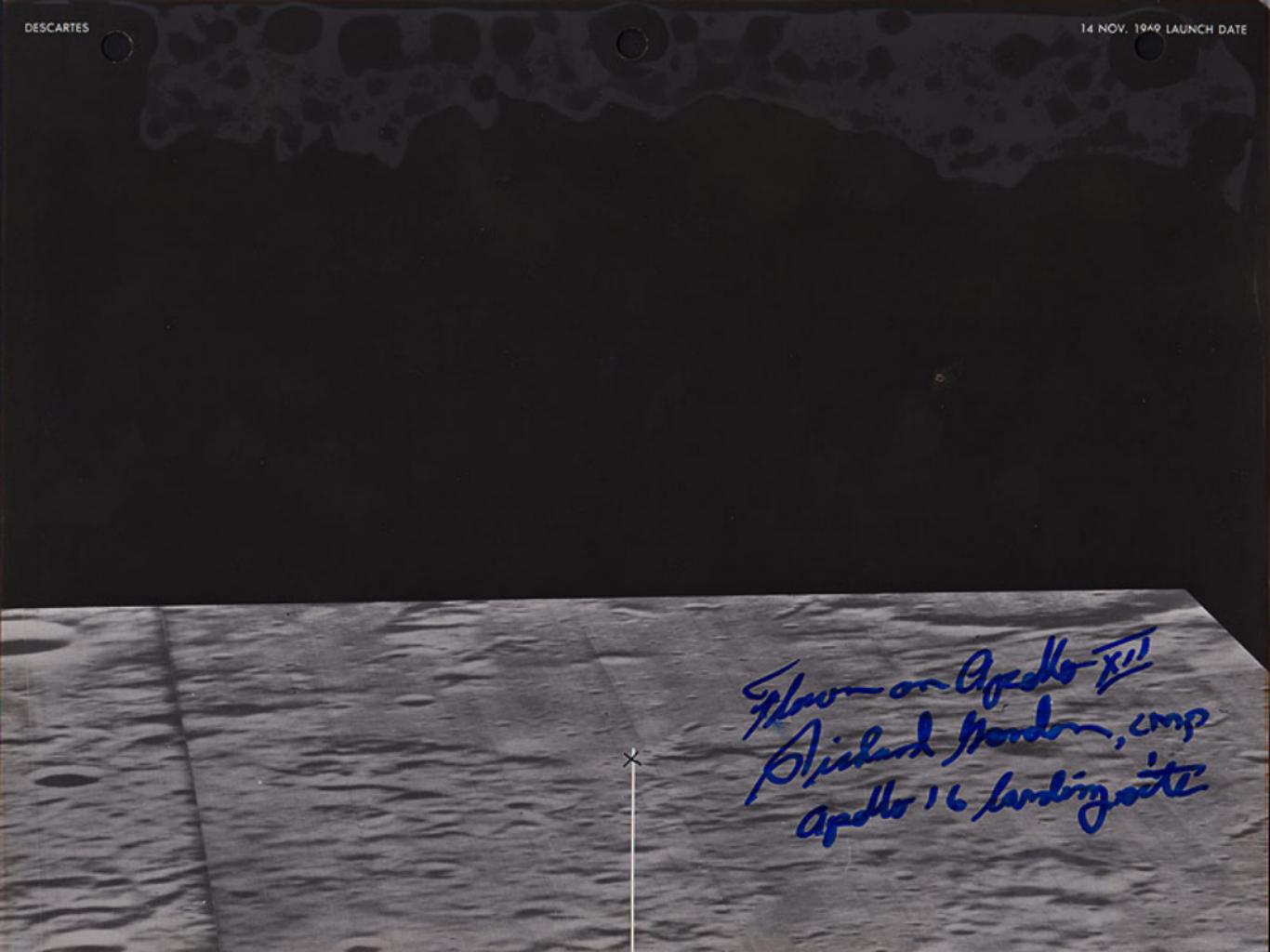
TARGET POINT: 8,500 FEET WEST
4000 FOOT ALTITUDE

Drawn on Apollo XIII
Richard Gordon
CMF

Flown on Apollo XII
Richard Gordon
CMF



F. Lowney Apollo 15
Richard Gordon, CDR
Apollo 13-14 Lantiguite



Glow on Apollo XII
Richard Gordon, cmd
Apollo 16 landing site

Rock love for Sam Dugay
from an Apollo-11
astronaut