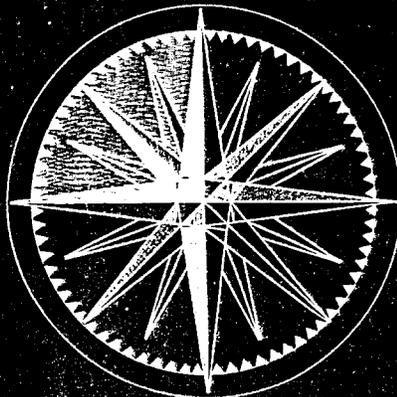


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(b)(3)

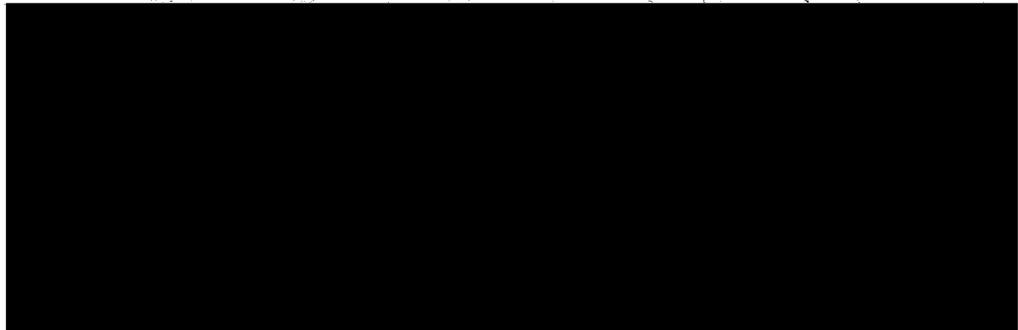
8 April 1966



# WEEKLY REVIEW

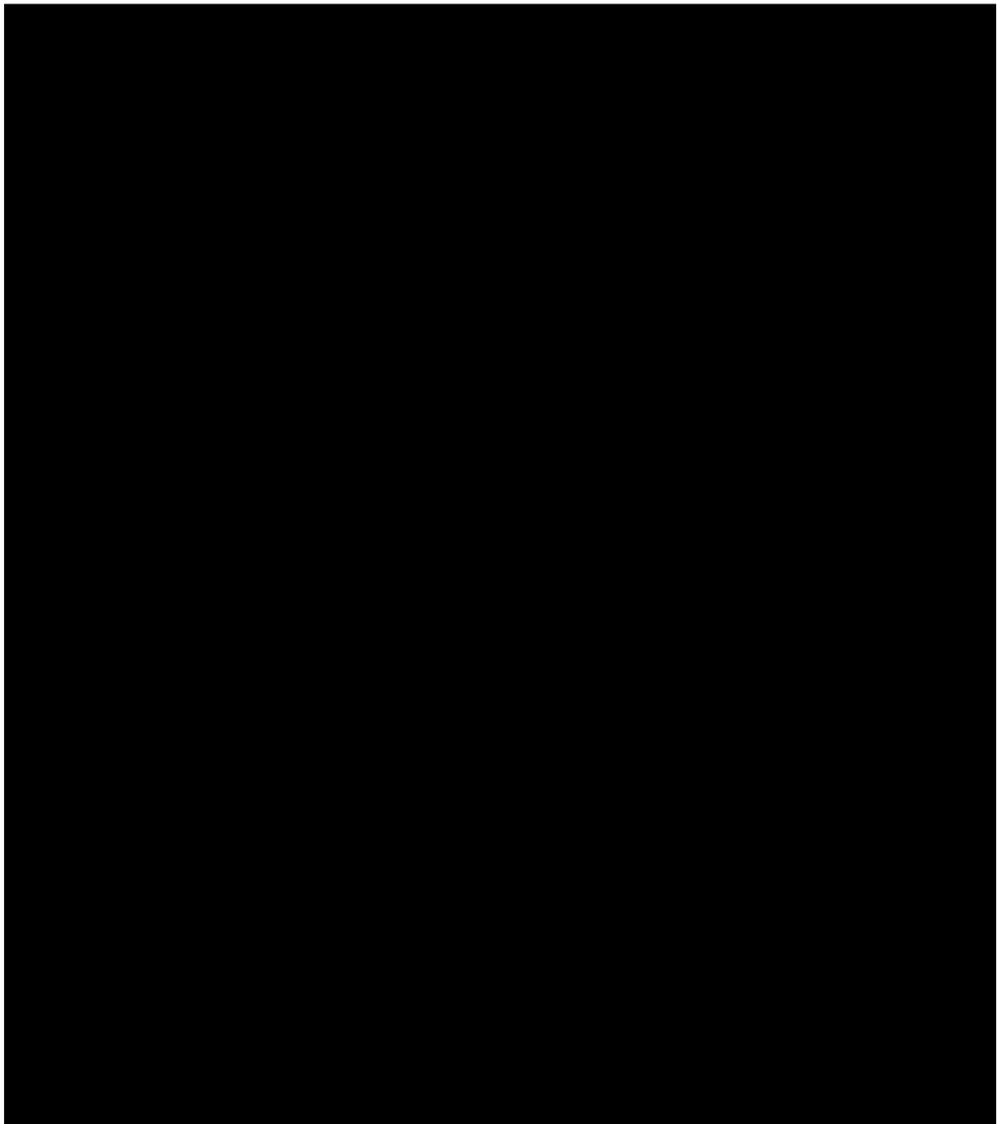
OFFICE OF CURRENT INTELLIGENCE

CENTRAL INTELLIGENCE AGENCY

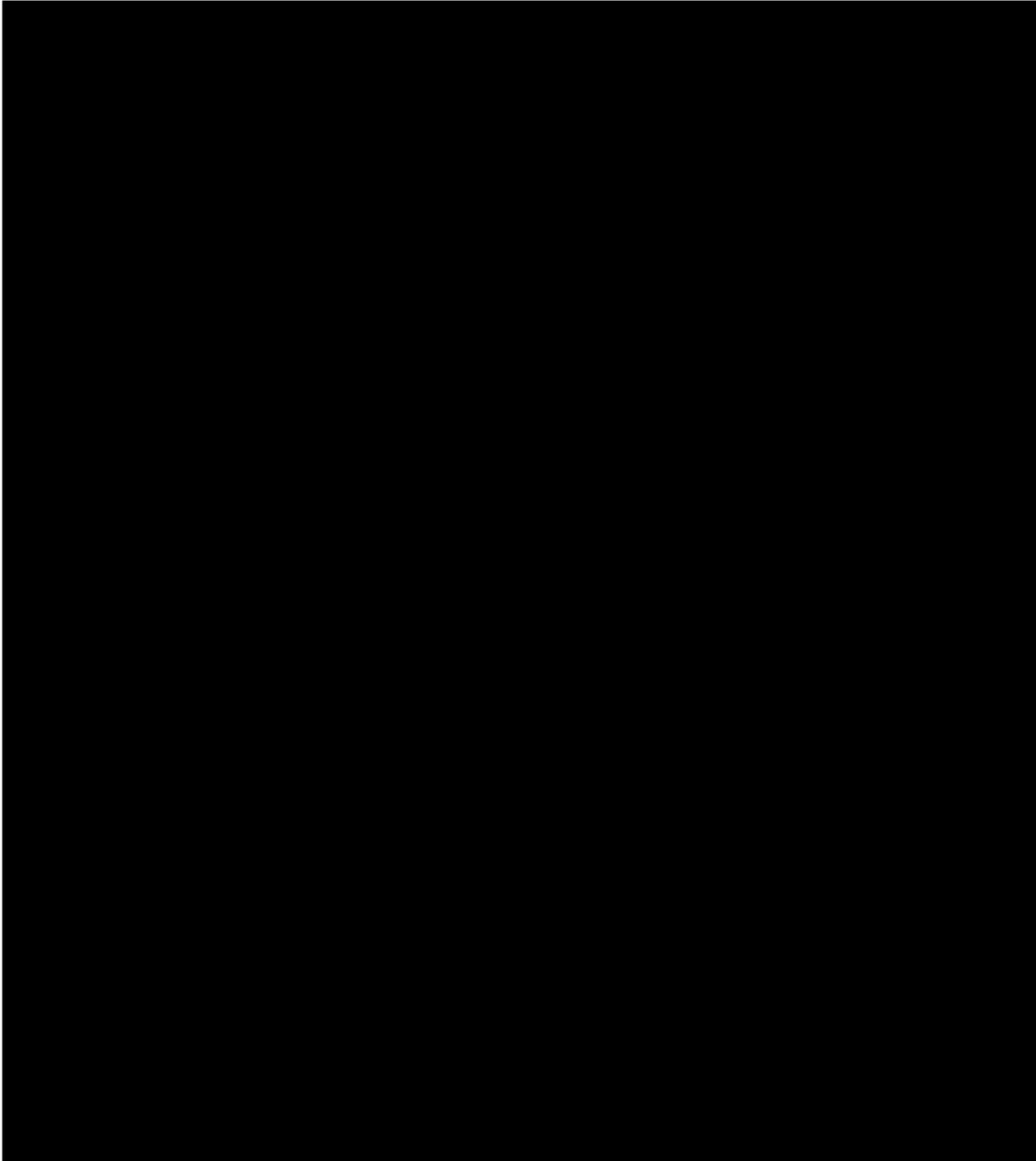


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C O N T E N T S



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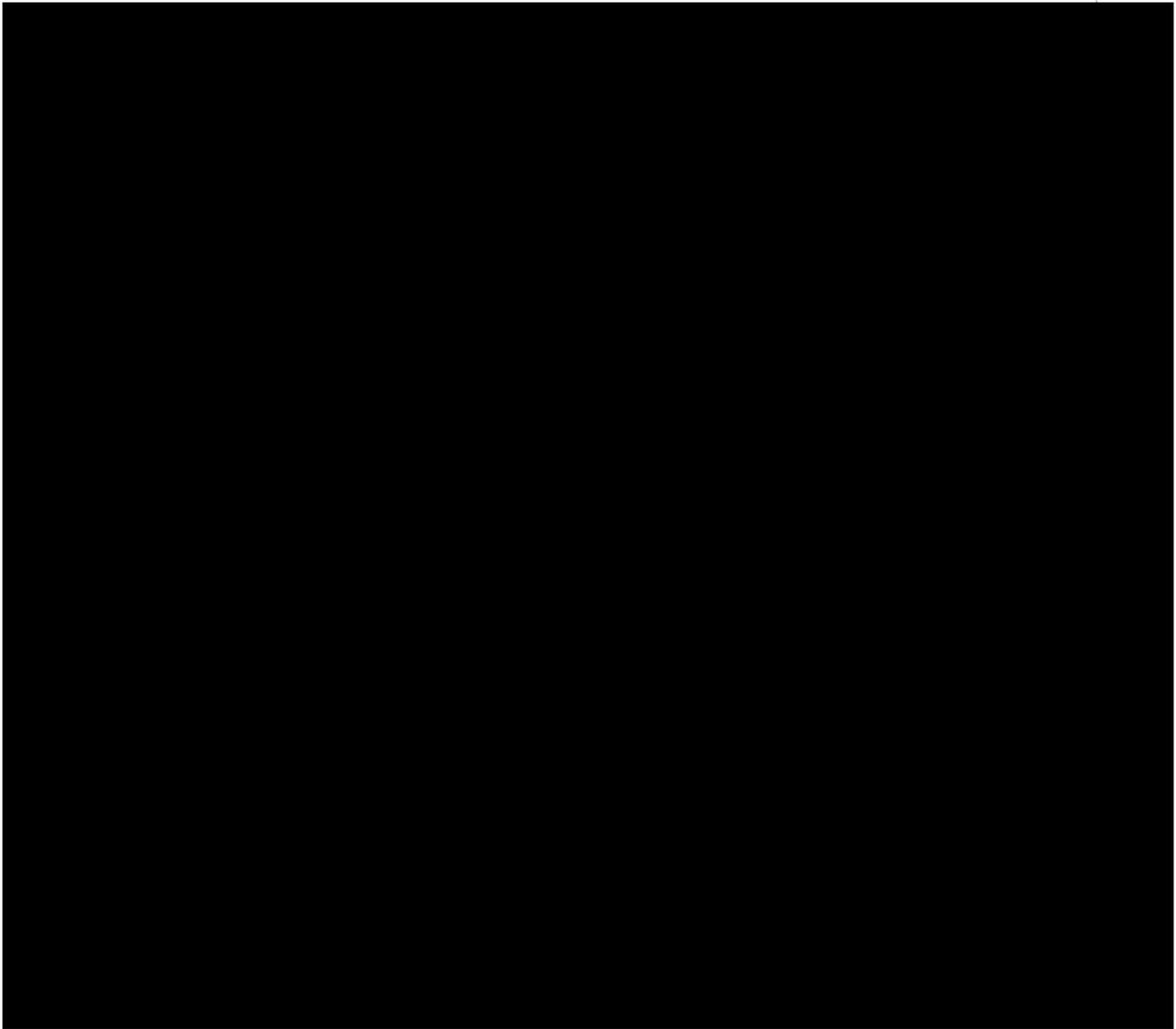


Europe

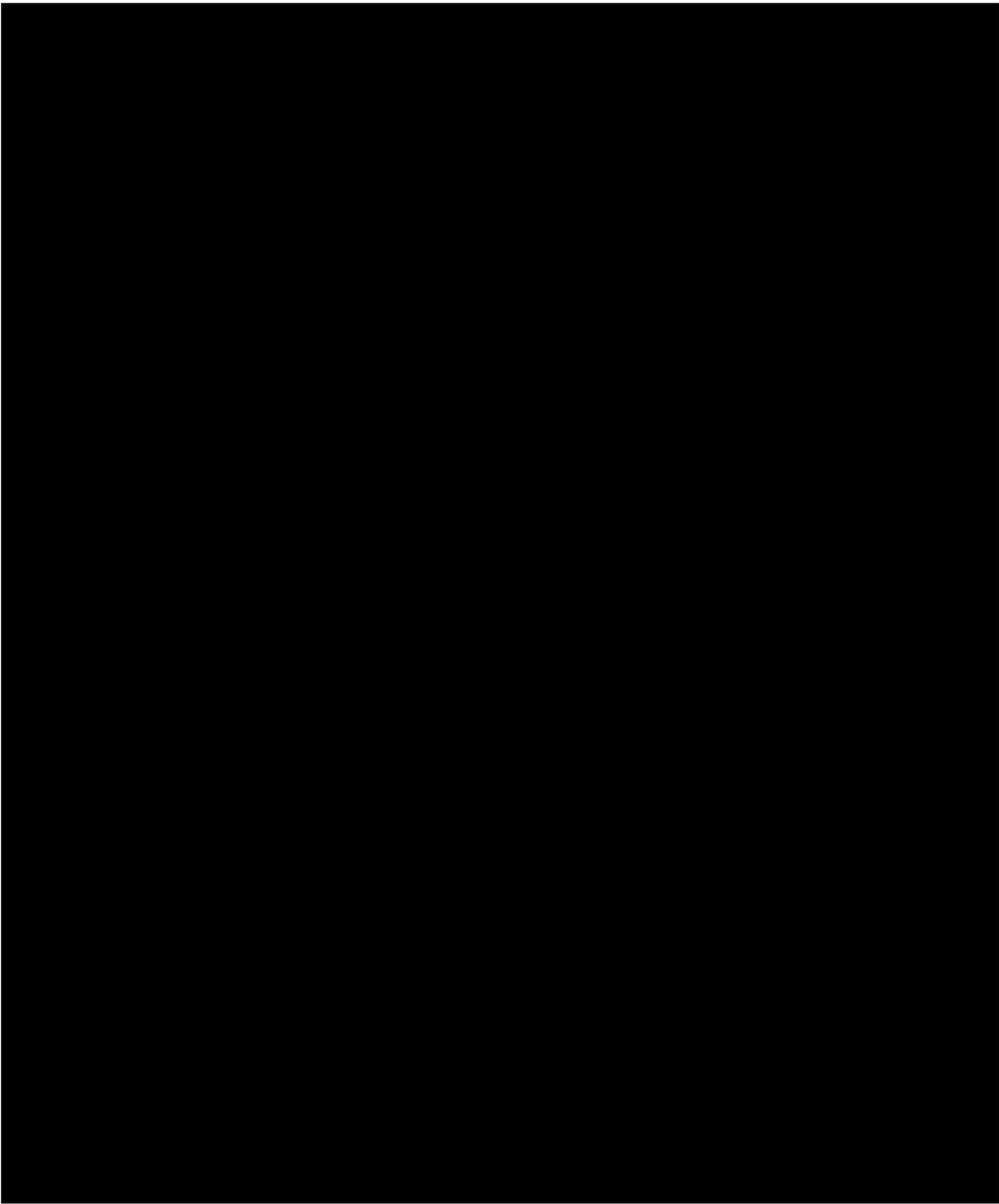
9

SOVIET LUNAR PROGRAM FORGES AHEAD

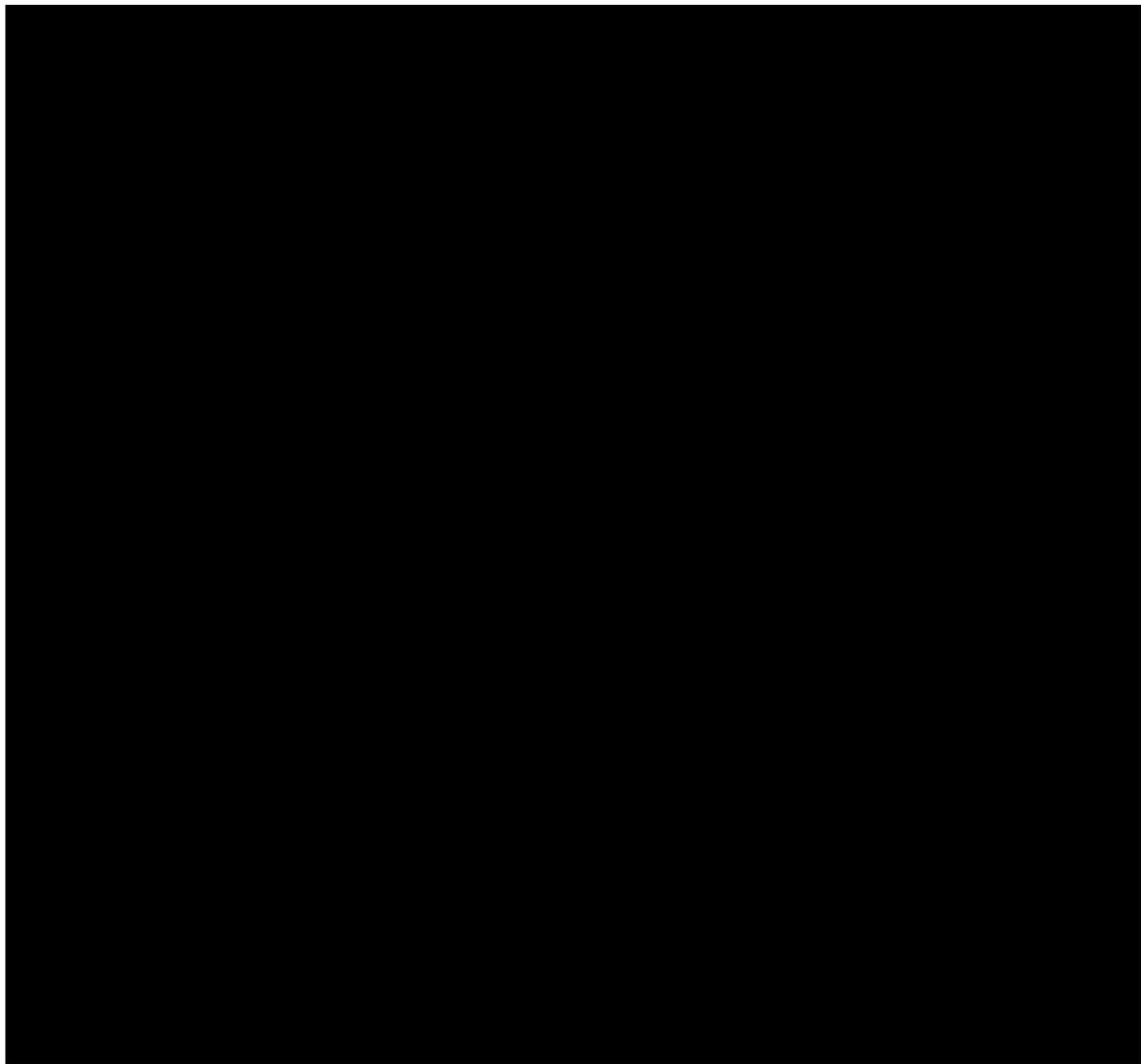
The USSR's success in placing Luna 10 in orbit around the moon on 4 April is a significant milestone in its lunar program.



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Europe

SOVIET LUNAR PROGRAM FORGES AHEAD

The USSR's success in placing Luna 10 in orbit around the moon on 4 April is a significant milestone in its lunar program. Data from this scientific probe should add to Soviet knowledge of the moon and be of some value to Soviet preparations for future lunar missions.

The Soviet lunar program has concentrated in the past on soft-landing a payload on the moon. After 11 unsuccessful lunar operations since early 1963, the Soviets finally accomplished a soft-landing with Luna 9 on 3 February 1966. This success led to the initiation of the lunar-orbit program. The next operation--Cosmos 111, which failed to eject from earth-parking

orbit on 1 March--was probably the first attempt to orbit the moon.

According to Soviet announcements, the inclination of Luna 10's orbit to the moon's equator is about 72 degrees, which carries the spacecraft over most of the lunar surface. Although this orbit is well suited for photography, no picture transmissions have been identified. Moreover, public statements from Moscow have not yet mentioned photography as a part of Luna 10's mission.

Luna 10 reportedly contains instruments to measure meteoric impacts, thermal and gamma radiation from the moon's surface, and lunar magnetic and gravitational fields.

Soft landing attempt  
 Lunar orbiting attempt

**SOVIET LUNAR PROGRAM**

OUTCOME OF EACH FLIGHT PHASE

LAUNCH DATE	SOVIET DESIGNATION	Launch by ICBM	3rd Stage to Orbit	Stabilization in Parking Orbit	4th Stage Ejection	Spacecraft Midcourse Functions	Arrival Functions	Mission Operations
4 Jan 63					FAILURE			
3 Feb 63			FAILURE					
2 Apr 63	LUNA 4					FAILURE		
21 Mar 64			FAILURE					
20 Apr 64			FAILURE					
12 Mar 65	COSMOS 60				FAILURE			
10 Apr 65			FAILURE					
9 May 65	LUNA 5						FAILURE	
8 Jun 65	LUNA 6					FAILURE		
4 Oct 65	LUNA 7						FAILURE	
3 Dec 65	LUNA 8						FAILURE	
31 Jan 66	LUNA 9							SUCCESS
1 Mar 66	COSMOS 111				FAILURE			
31 Mar 66	LUNA 10							SUCCESS