



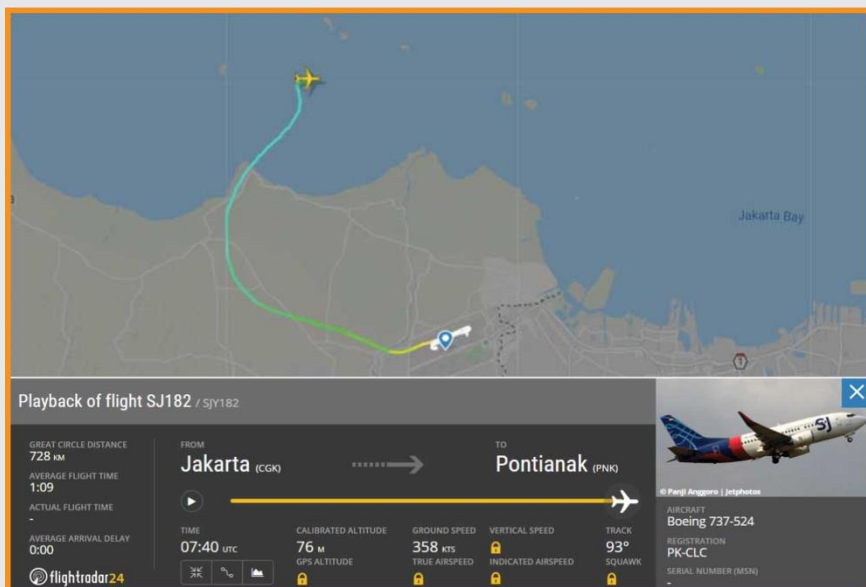
# **SAR OPERATION SRIWIJAYA AIR, SJ 182 (PK – CLC)**



**THE NATIONAL SEARCH AND RESCUE AGENCY OF REPUBLIC OF INDONESIA  
(BASARNAS)  
2021**

# CHRONOLOGY OF THE CRASH

**SATURDAY, 09 JANUARY 2021**



**AT 07.55 UTC/14.55LT BASARNAS RECEIVED INFORMATION FROM JATSC THAT A COMMERCIAL A/C, SRIWIJAYA AIR, SJ-182, PK-CLC, ROUTE JAKARTA TO PONTIANAK LOST CONTACT AT POSITION 05°57'47.81'' S – 106°34'10.76'' E IN KEPULAUAN SERIBU WATERS, JAKARTA, 4 (FOUR) MINUTES AFTER TAKE OFF FROM SOETTA INTERNATIONAL AIRPORT.**

**AT 07.58 UTC/14.58 LT BASARNAS COMMAND CENTER (BCC) ORDERED RSC JAKARTA TO DEPLOY RIB (SEA RIDER) FROM PANTAI MUTIARA BASE, JAKARTA, TO THE CRASH SITE. BCC ALSO CARRIED OUT AN E-BROADCAST RELAY TO THE SHIPS IN RADIUS ON SCENE.**

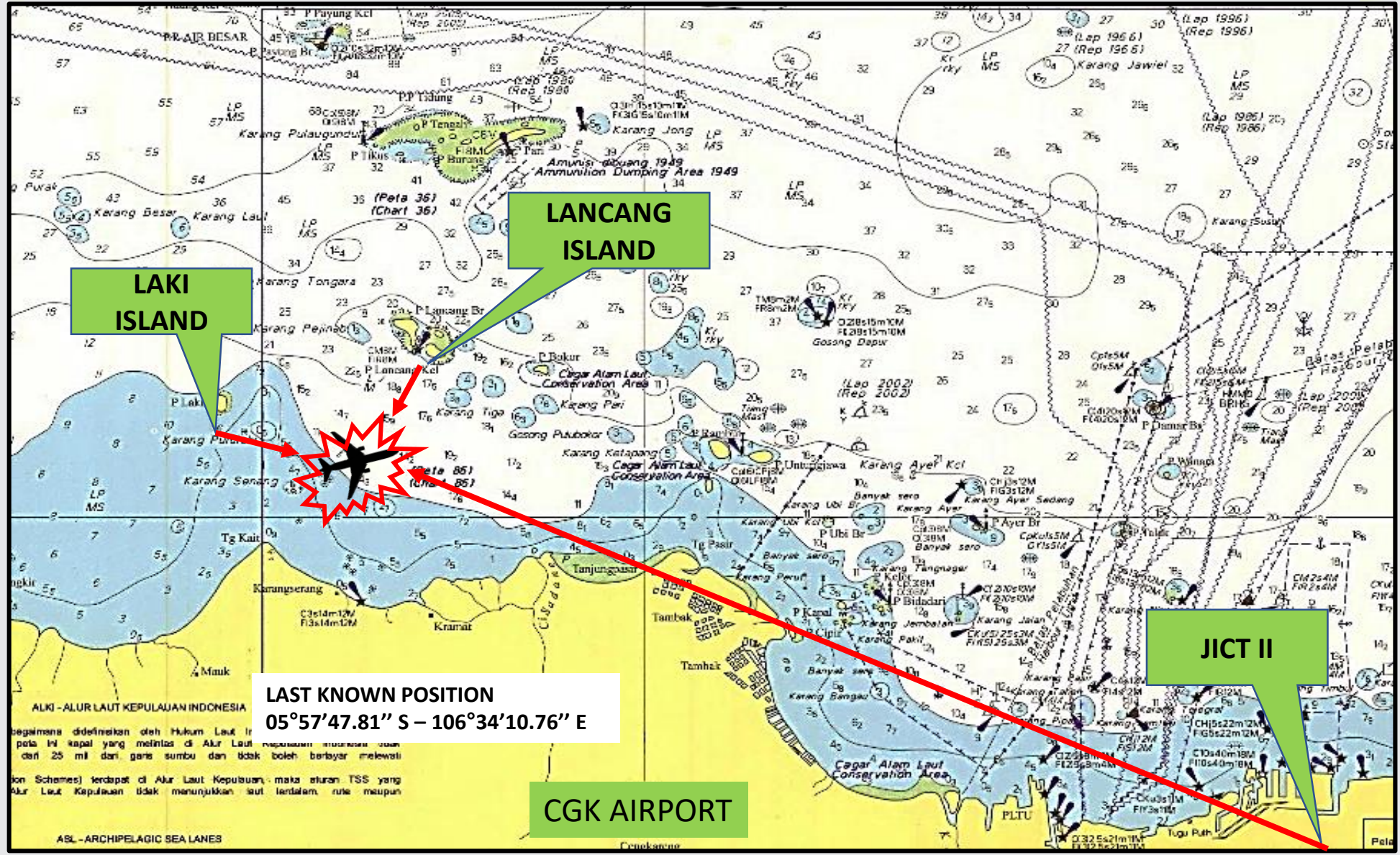
**AT 08.05 UTC/15.05 LT, RSC JAKARTA DEPLOY RESCUE BOAT, KN SAR WISNU, FROM INGGOM HARBOR BASE, TG PRIOK SEA PORT, TO THE CRASH SITE. AT THE SAME TIME, RSC JAKARTA ALSO MADE COORDINATION WITH THE STAKEHOLDERS HAVING SAR CAPABILITY TO PROVIDE SAR ASSISTANCE (NAVY, MARINE POLICE, COAST GUARD, MARITIME SECURITY AGENCY).**

**AT 18.04 LT, BCC ACTIVATED RSC PANGKALPINANG AND RSC LAMPUNG TO DEPLOY RESCUE BOATS, KN SAR KARNA AND KN SAR BASUDEWA TO ASSIST SAR OPS.**

**FLIGHT NUMBER : SJ-182 (PK – CLC)**  
**TYPE A/C : BOEING 737-524**  
**ROUTE : CGK – PNK**  
**POB : 62 PERSONS**  
**TAKE OFF : 07:36 UTC/14:36 LT**  
**LOST CONTACT : 07:40 UTC/14:40 LT**  
**KOORDINAT LKP : 05°57'47.81'' S / 106°34'10.76'' E**

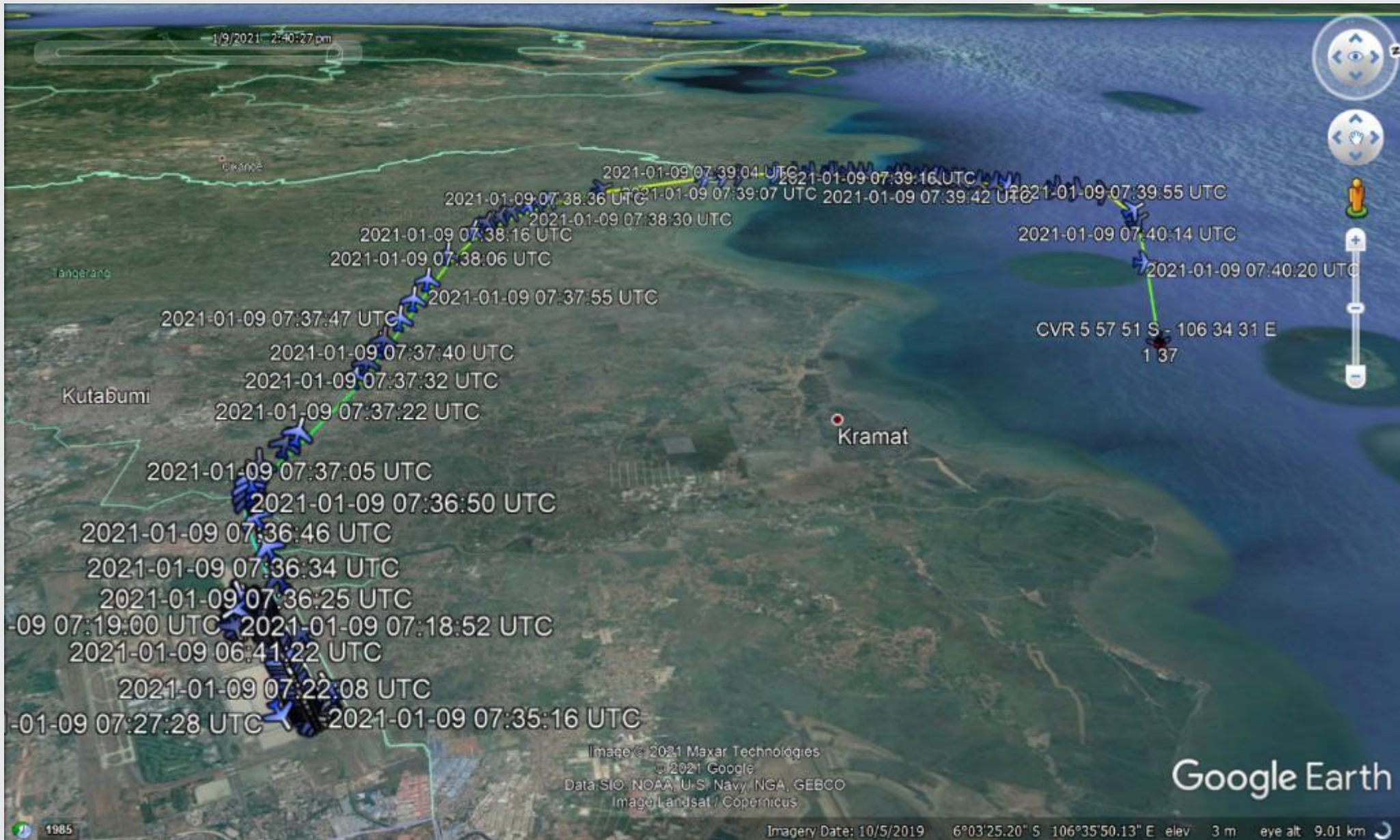


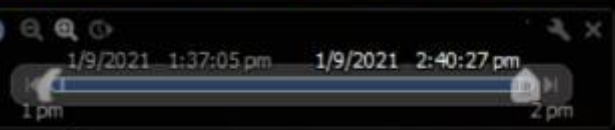
# CRASH SITE OF SRIWIJAYA SJ-182



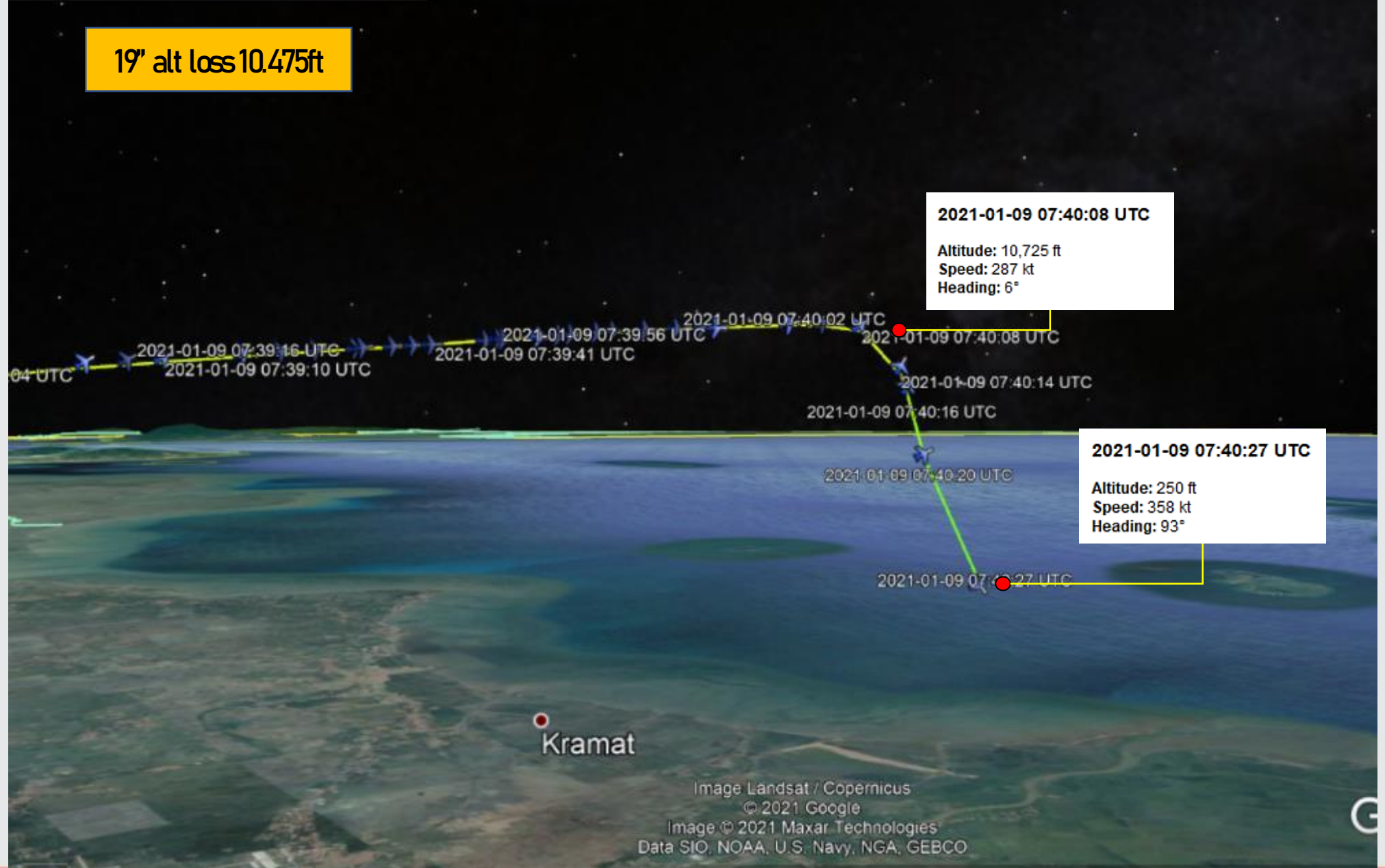


# TRACKING OF SJ-182





19" alt loss 10.475ft





# THE COMPOSITION OF SAR TEAM



**TOTAL NUMBER : 4,381 Persons**

1.



**BASARNAS**



**795 Pers**

2.



**ARMED FORCES/POLICE**



**2,261 Pers**

3.



**VOLUNTEERS**



**1,325 Pers**

4.



**DIVERS**



**266 Pers**

- **BASARNAS** : **67 Pers**
- **NAVY** : **92 Pers**
- **POLICE** : **45 Pers**
- **MARITIME SEC AGENCY** : **9 Pers**
- **CUSTOMS** : **2 Pers**
- **JAKARTA FIRE SERVICE** : **3 Pers**
- **IDRT** : **22 Pers**
- **POSSI** : **18 Pers**
- **WANADRI** : **4 Pers**
- **CAKRAWALA AMARTHA JAYA** : **4 Pers**



# SAR ASSETS

1.



## MARITIME SAR ASSETS



**Ships : 62**  
**RIB/Sea Rider: 21**

- BASARNAS : 3 UNITS
- NAVY : 17 UNITS
- POLICE : 14 UNITS
- MINISTRY OF TRANSPORT : 9 UNITS
- MARITIME SEC AGENCY : 3 UNITS
- CUSTOMS : 1 UNITS
- JAKARTA LOCAL GOVT : 8 UNITS
- PELINDO : 2 UNITS
- SPEED BOAT/POSSI : 1 UNIT



- BASARNAS : 5 RIBs
- NAVY : 7 RIBs
- ARMY : 1 JETSKI
- MARITIME SEC AGENCY : 3 RIBs
- COAST GUARD& HARBOR MASTER: 3 RIBs
- JAKARTA LOCAL GOVT : 1 RIBs
- JAKARTA FIRE SERVICE : 1 RIBs



2.



## AERONAUTICAL SAR ASSETS



**AIRCRAFTS : 15**

- BASARNAS : 2 HELIKOPTERS
- NAVY : 3 HELIKOPTERS  
2 FIX WINGS
- AIR FORCE : 2 HELIKOPTERS  
2 FIX WINGS
- POLICE : 4 HELIKOPTERS



## SURVEY VESSEL

1. KRI RIGEL (NAVY)
2. KR BARUNA JAYA IV (BPPT)
3. KN SAR WISNU ( RSC JAKARTA)
4. KS ARA (COORD MINISTRY OF MAR & INVETS)
5. MAHAKARYA GEO SURVEY

3.



## INLAND ASSETS



**Ambulances : 38**



# AERONAUTICAL SAR ASSETS SRU TASKING

## COORDINATE SAR AREA:

**A** 05°51'10''S - 106°29'30''E

**A1** 05°51'10''S - 106°37'30''E

**B** 05°51'10''S - 106°53'30''E

**B1** 05°51'10''S - 106°45'30''E

**C** 05°59'10''S - 106°29'30''E

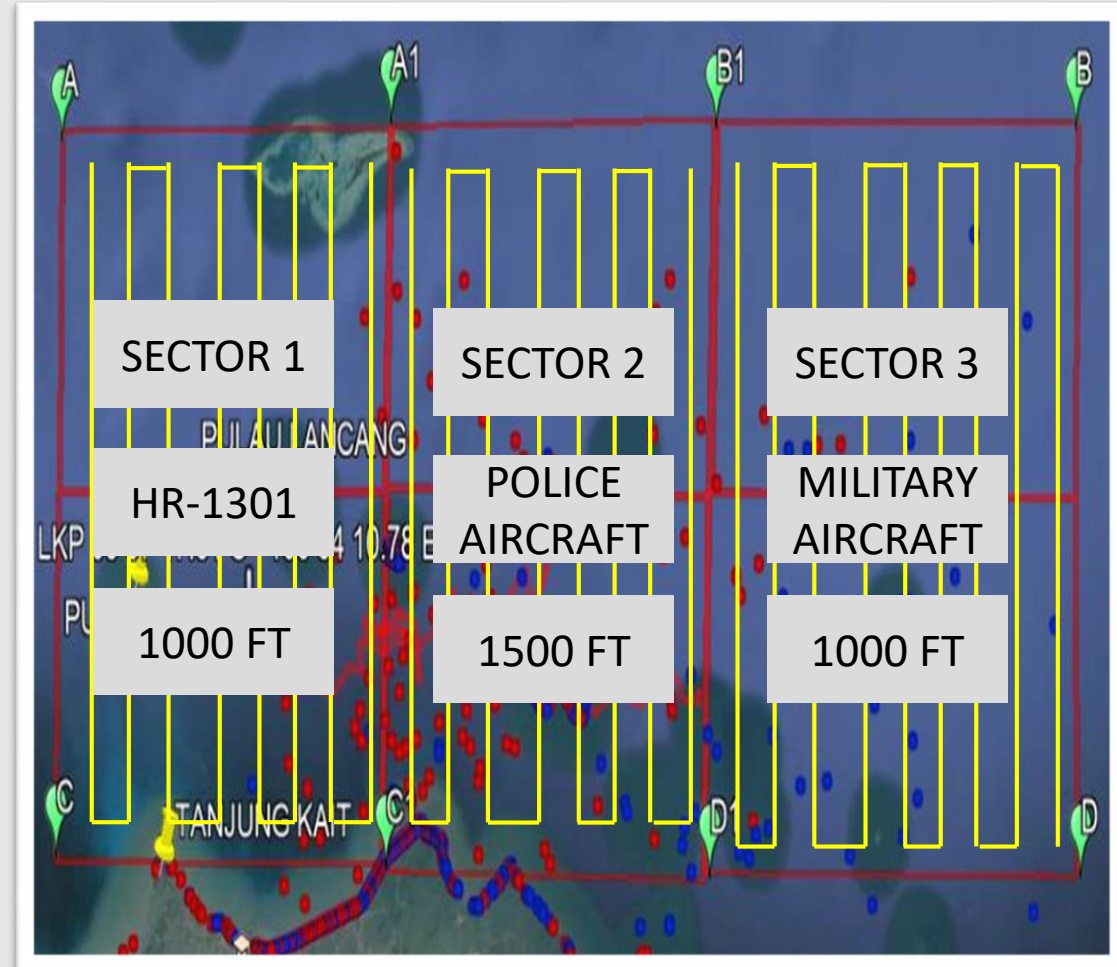
**C1** 05°59'10''S - 106°37'30''E

**D** 05°59'10''S - 106°53'30''E

**D1** 05°59'10''S - 106°45'30''E

**A - C = 8 NM**

**A - B = 24 NM**



# MARITIME SAR ASSETS SRU TASKING

## MARITIME SAR AREA (SEKTOR):

### SEKTOR I

KRI CCT  
KN P. 348  
TB GALUNGGUNG  
TB MALABAR  
KRI GNR  
KN KEMENHUB 356  
PRAJA BAHARI 2  
PRAJA BAHARI 5  
KP BISMA 8001  
KP 2003  
KP. VII-301

### SEKTOR II

KN ALUGARA P. 114  
CATAMARAN 504  
KN SAR WISNU  
KN SAR BASUDEWA  
KN KEMENHUB 488  
RUBBER BOAT TG. PASIR

### SEKTOR III

KN TRISULA P. 111  
KN BELATI P. 205  
KRI TGR  
KRI REM  
DISHUB 09  
PRABUWIBAWA 01  
PRAJABAHARI 7  
KAPAL MOTOR BOAT  
KP 2008

### SEKTOR IV

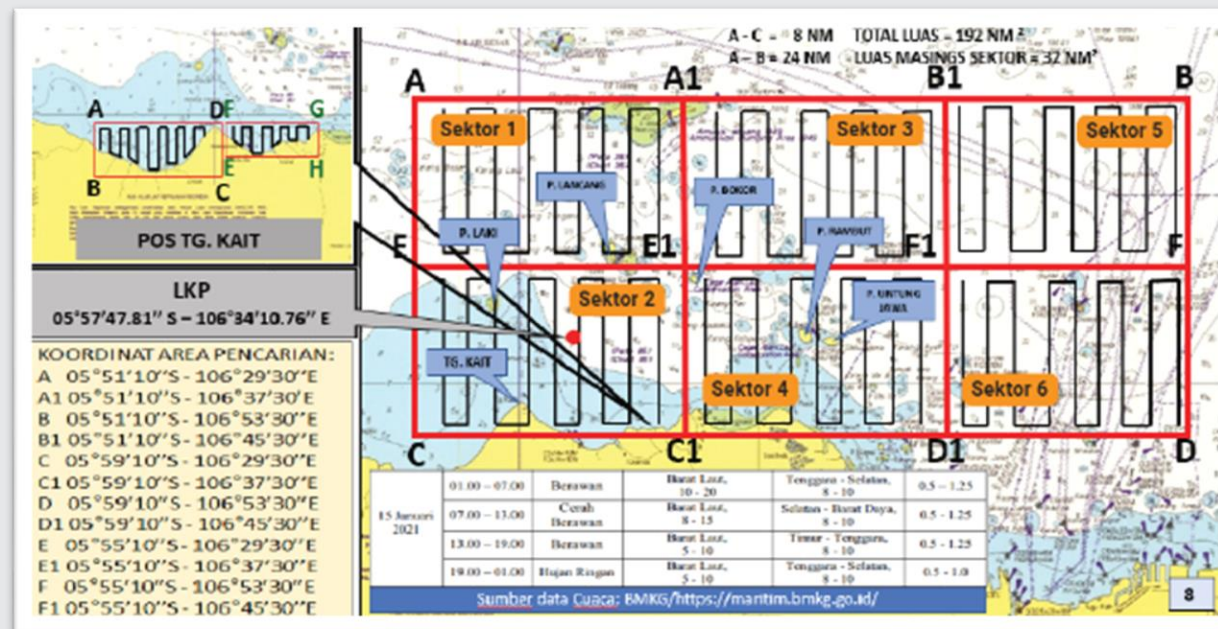
KRI MLH  
KN 355  
KP HIU 10  
DISHUB 02  
KPC 2004  
KP SUNDAIRUS 2001  
KAPAL RAPTOR  
KP. VII-202  
KP. VII-203

### SEKTOR V

KNP NIPAH 321  
KN CELURIT P.203  
KRI BON  
KRI SMR  
KRI MTW  
KN SAR KARNA  
KP ELANG LAUT 2003  
KP BC 9006  
KP KOLIBRI 4015

### SEKTOR VI

KRI TCN  
KRI TGK  
KRI TPD  
KRI PAR  
KRI KURAU  
TB PELINDO  
KP DITPOLAIR POLDA  
KP ENGGANO  
KP PELATUK 3001





# RESULTS OF SAR OPERATION

(9 - 19 JAN 2021)

## FINDINGS :

1.



**HUMAN BODY  
PIECES**



**324 Bags**

4.



**FDR**



**12 Jan 2021**

7.



**CVR**



**30 March 2021**

2.



**A/C DEBRIS**



**63 Bags**

5.



**CVR CASING  
DAN BATTERY**



**15 Jan 2021**

3.



**BIG PARTS OF  
THE FUSELAGE**



**55 Pieces**

6.



**THE IDENTIFIED VICTIMS**



**59 Persons**





# DOCUMENTATION

## SAR OPERATION SRIWIJAYA AIR SJ-182 (PK-CLC)



The Minister of Transportation's visit  
Basarnas Command Centre



Night SAR Operation briefing



Meet the victim's family



Supporting from the President of the  
Republic of Indonesia to the JICT II  
Command Post



Aircraft engine recovery



farewell ceremony



# LESSON LEARNED

- Good management of distress information, determines a quick and accurate decision and response which makes the operation is well organized and successful under Basarnas command;
- Good and strong leadership is needed to coordinate different SAR assets in SAR operation;
- SAR services is a shared responsibility, so that coordination and cooperation among all elements involved is the key to the success of SAR Operation.



# THANK YOU



AVIGNAM JAGAT SAMAGRAM

