

1513016003

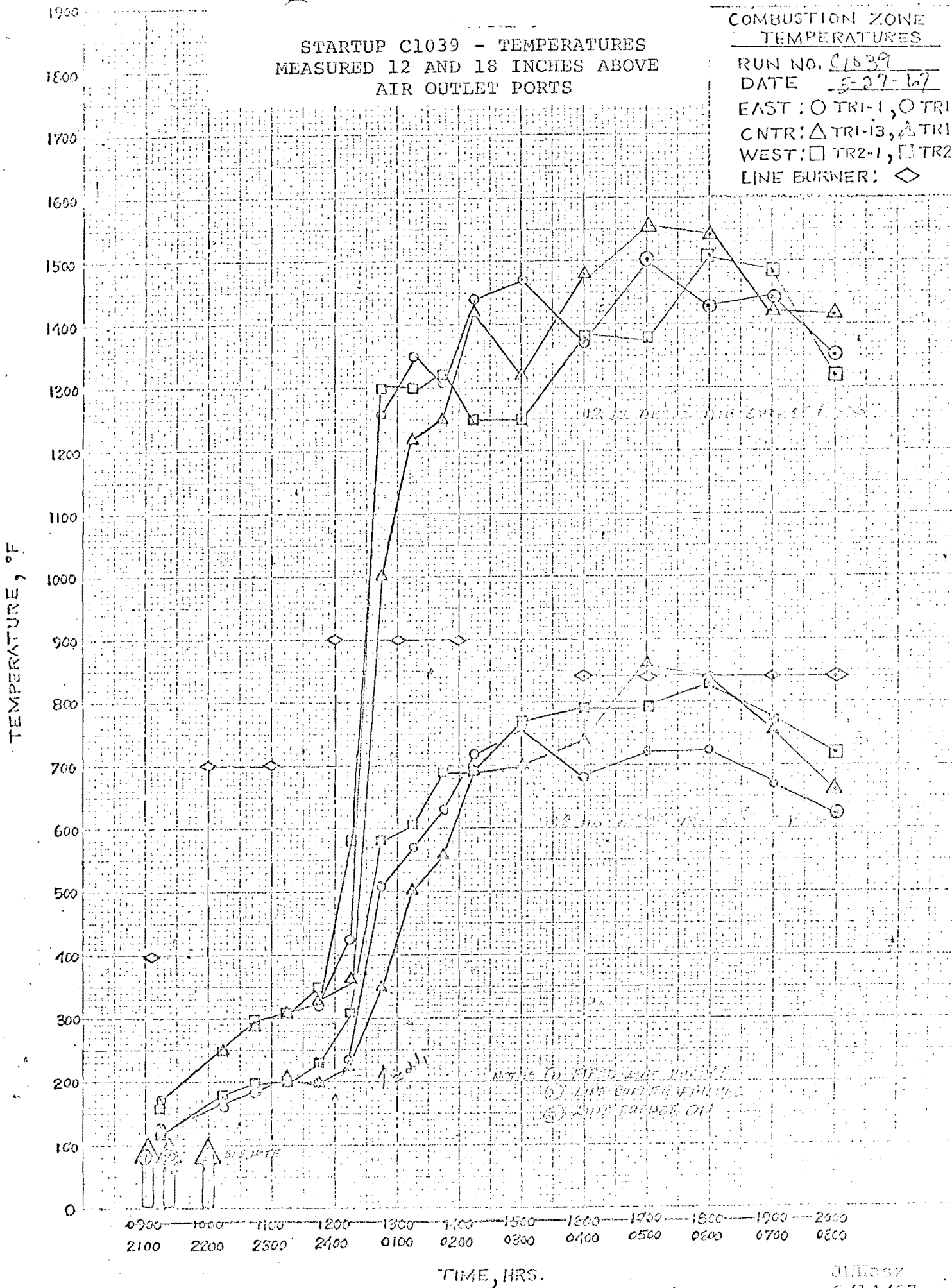
APPENDIX 2

DETAILED DATA - RUN C1039

STARTUP C1039 - TEMPERATURES
MEASURED 12 AND 18 INCHES ABOVE
AIR OUTLET PORTS

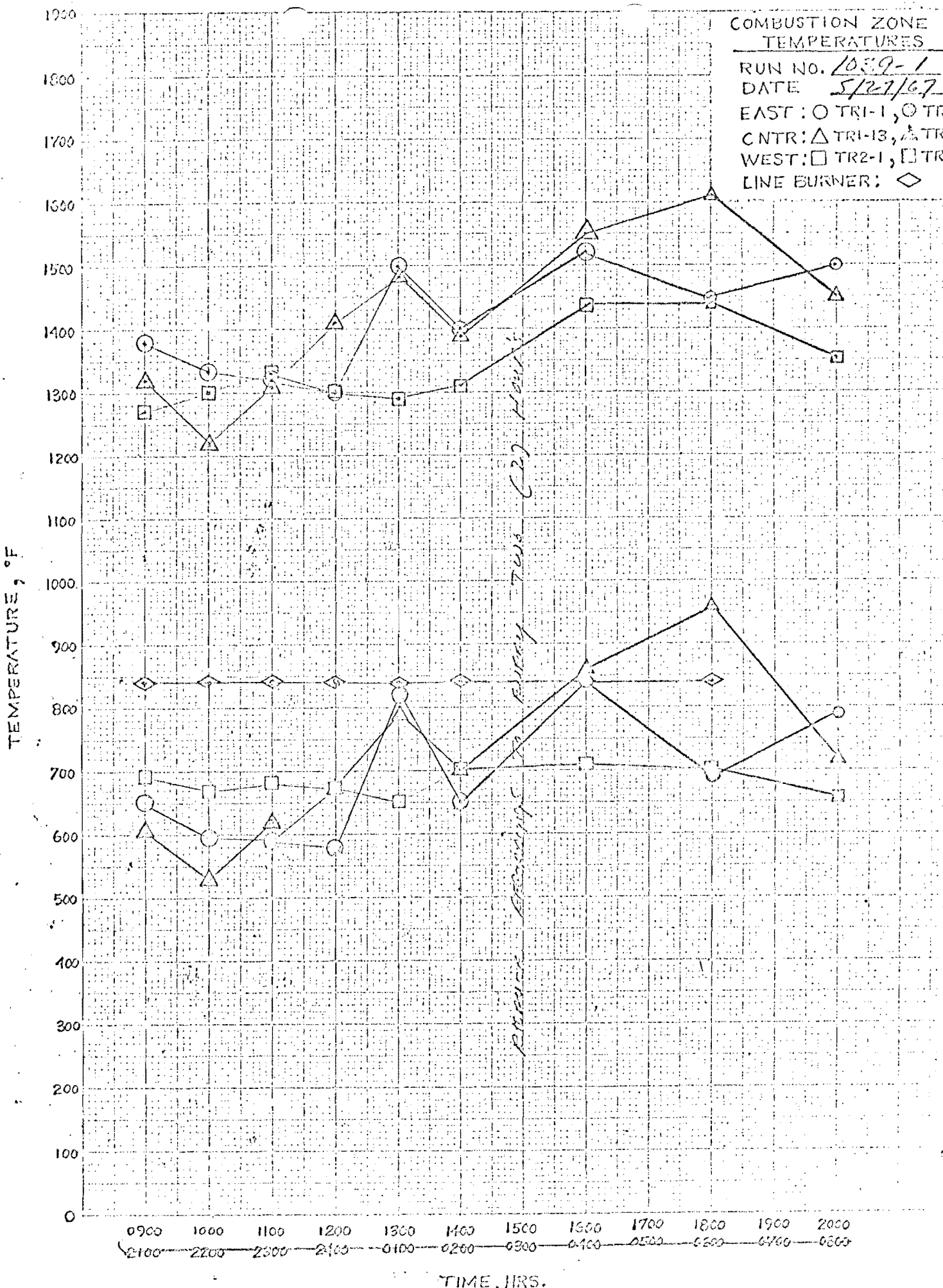
COMBUSTION ZONE
TEMPERATURES

RUN NO. C1039
DATE 5-27-67
EAST: ○ TRI-1, ○ TRI
CNTR: △ TRI-13, △ TRI
WEST: □ TR2-1, □ TR2
LINE BURNER: ◇



COMBUSTION ZONE TEMPERATURES

RUN NO. 1059-1
 DATE 5/27/67
 EAST: ○ TRI-1, ○ TRI
 CNTR: △ TRI-13, △ TRI
 WEST: □ TR2-1, □ TR2
 LINE BURNER: ◇



COMBUSTION ZONE
TEMPERATURES

RUN NO. C-1039-2

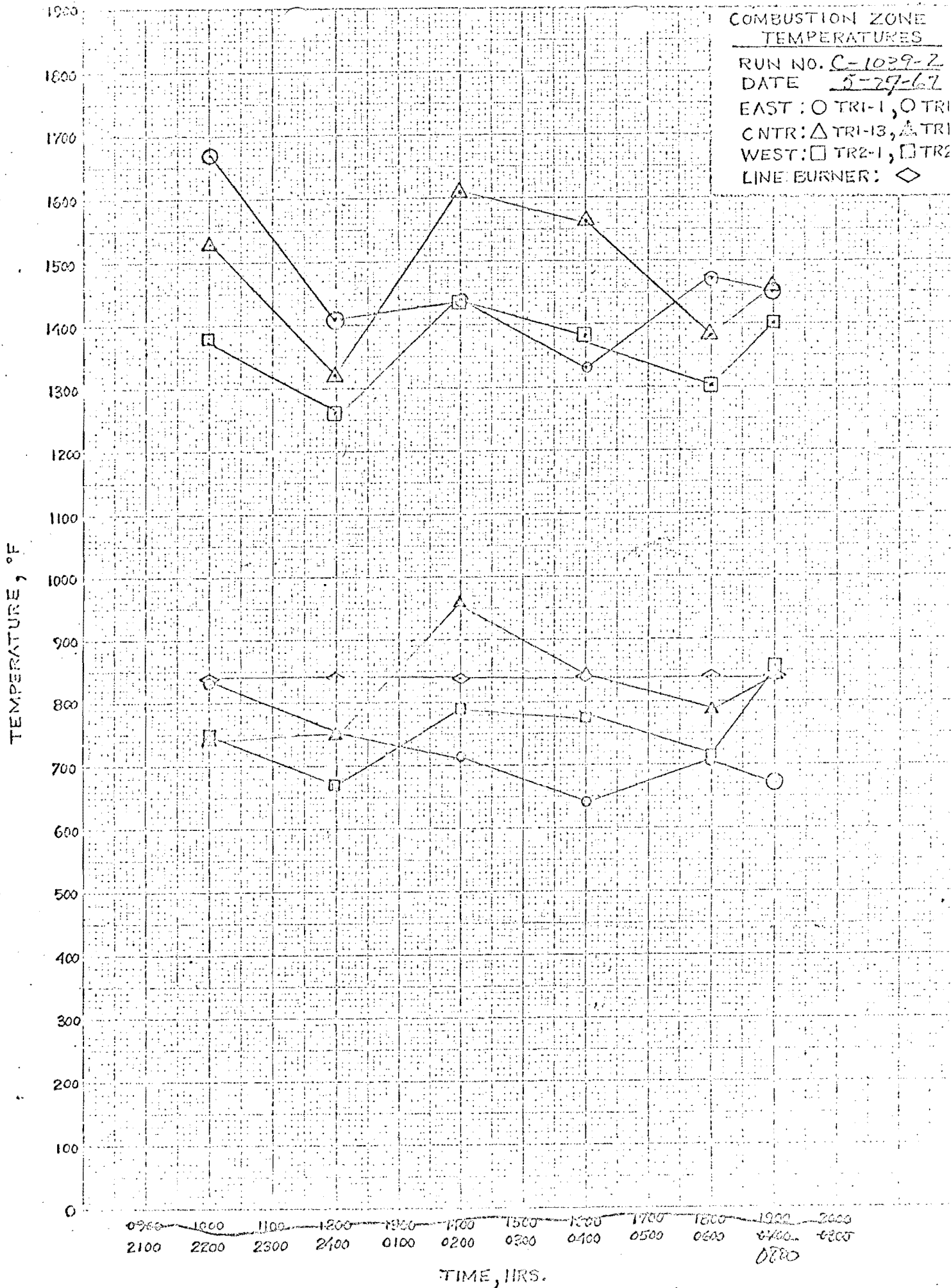
DATE 5-29-67

EAST: ○ TRI-1, ○ TRI

CNTR: △ TRI-13, △ TRI

WEST: □ TR2-1, □ TR2

LINE BURNER: ◇



COMBUSTION ZONE TEMPERATURES

RUN NO. 1039-3

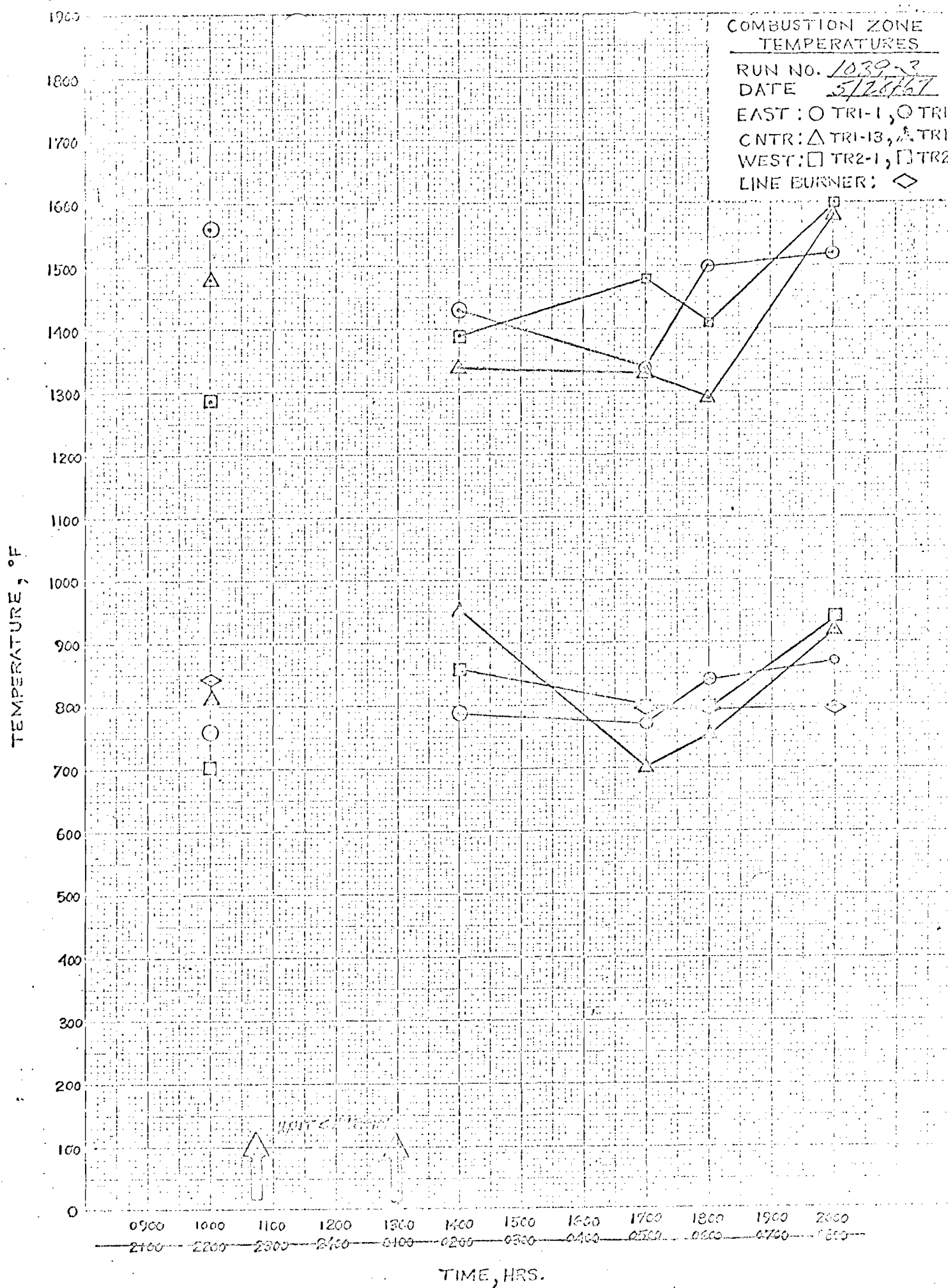
DATE 5/28/67

EAST: ○ TRI-1, ○ TRI-2

CNTR: △ TRI-13, △ TRI-14

WEST: □ TR2-1, □ TR2-2

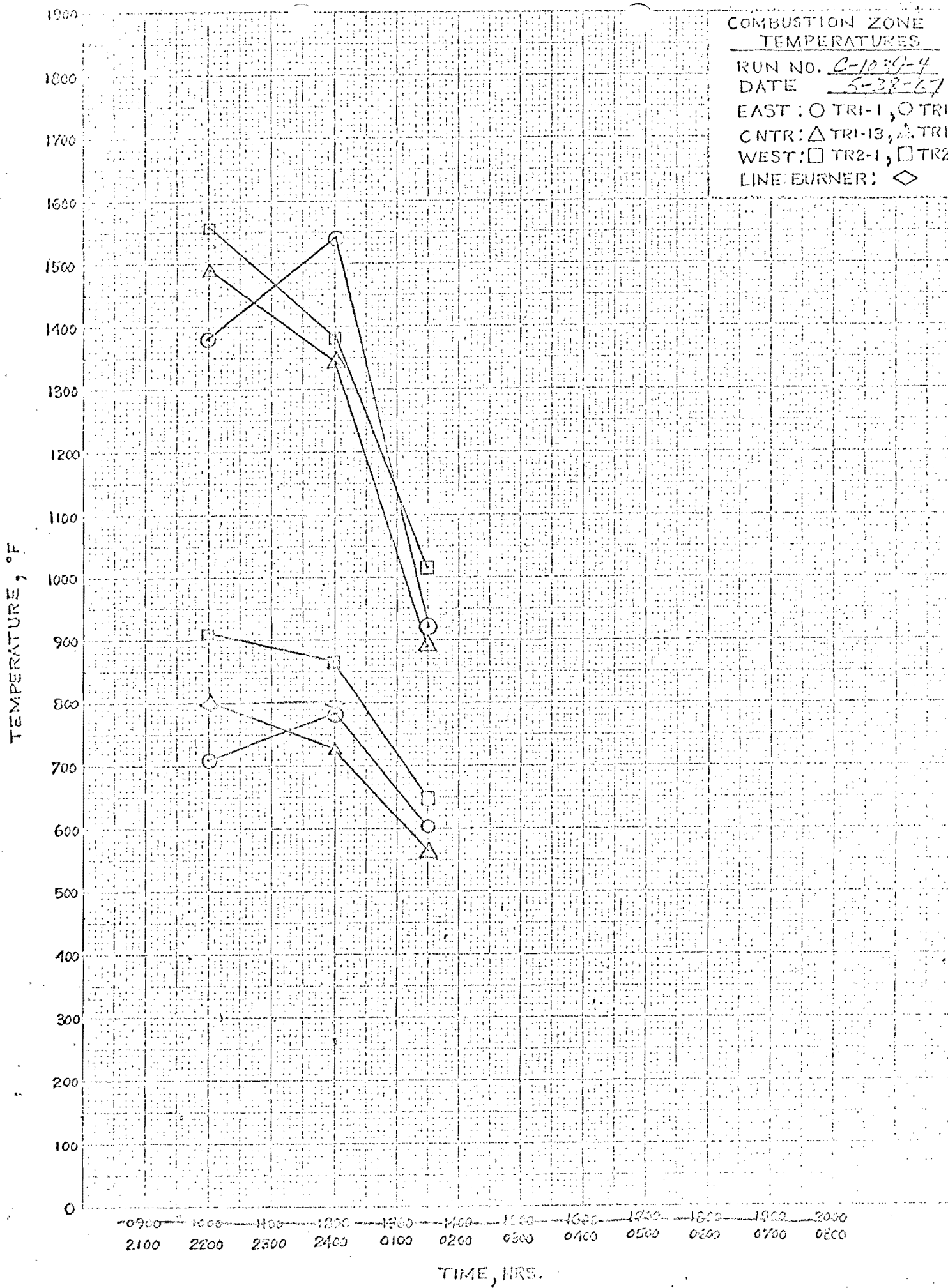
LINE BURNER: ◇



TIME, HRS.

COMBUSTION ZONE TEMPERATURES

RUN NO. C-1039-4
DATE 5-28-67
EAST: ○ TRI-1, ○ TRI
CNTR: △ TRI-13, △ TRI
WEST: □ TR2-1, □ TR2
LINE BURNER: ◇

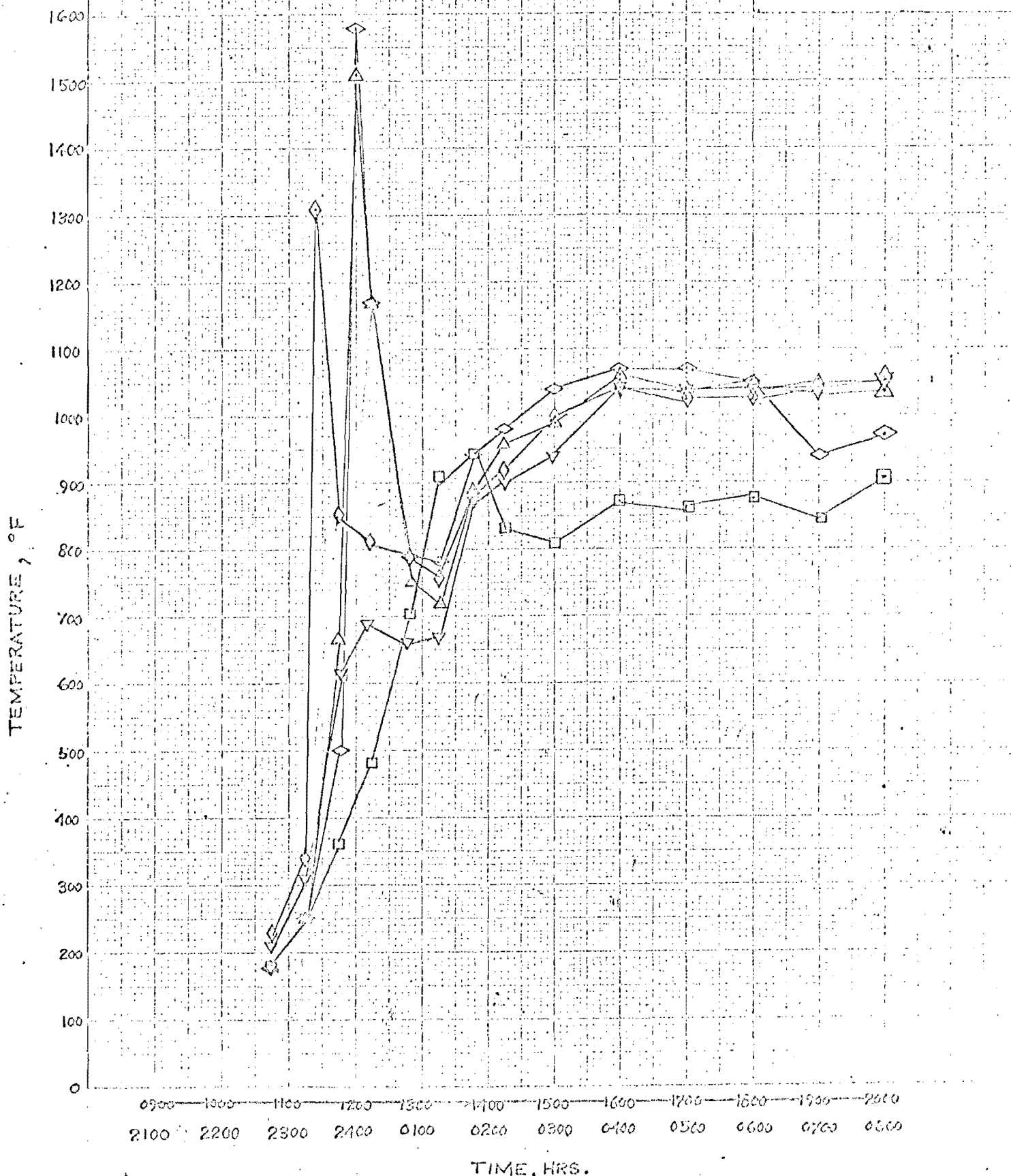


CENTER TEMPERATURES
AIR DISTRIBUTOR GRID

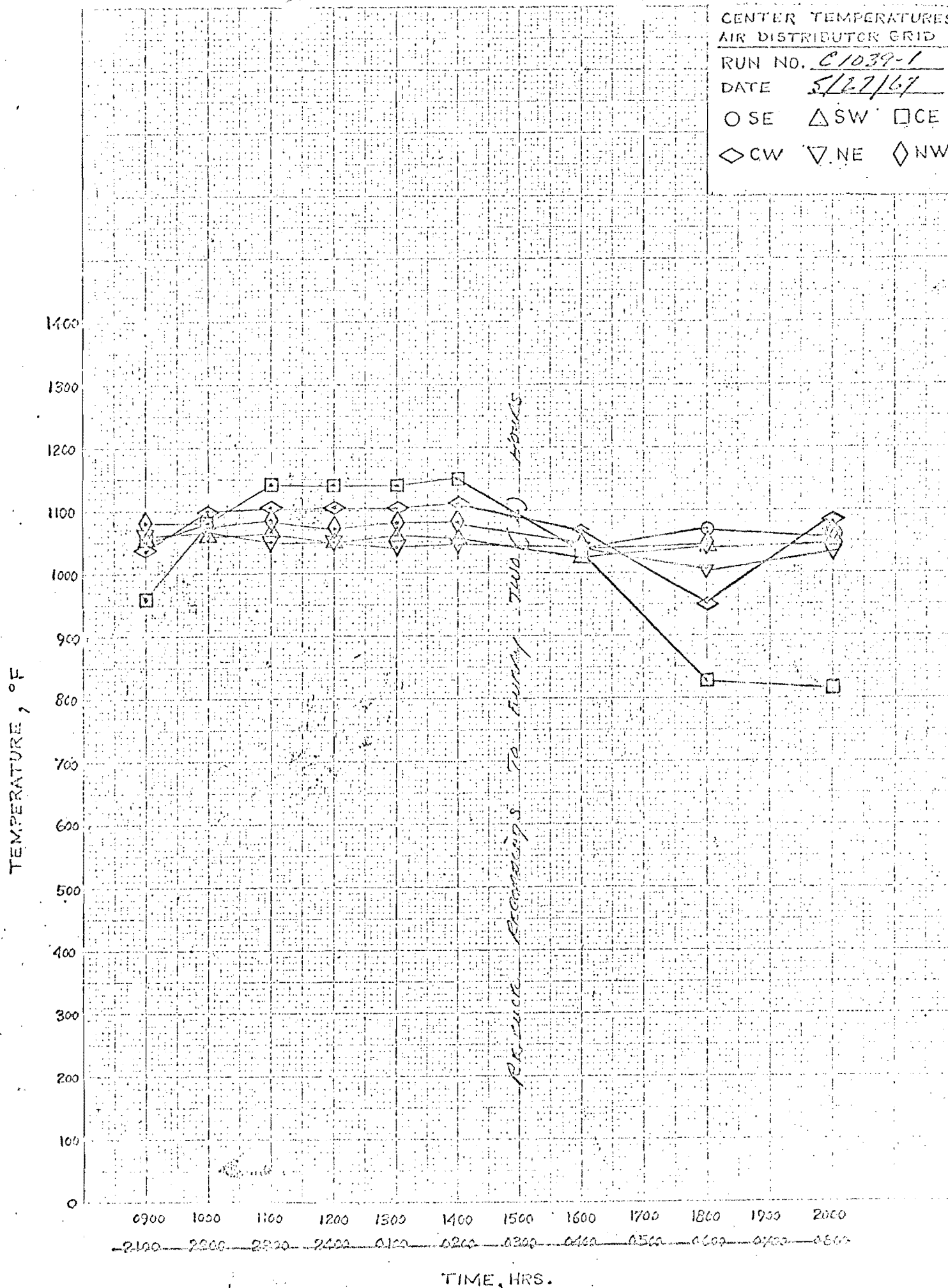
RUN NO. 01639

DATE 5-27-67

4-2 ○ SE	4-1 △ SW	4-7 □ CE
4-9 ◇ CW	4-12 ▽ NE	4-14 ◇ NW

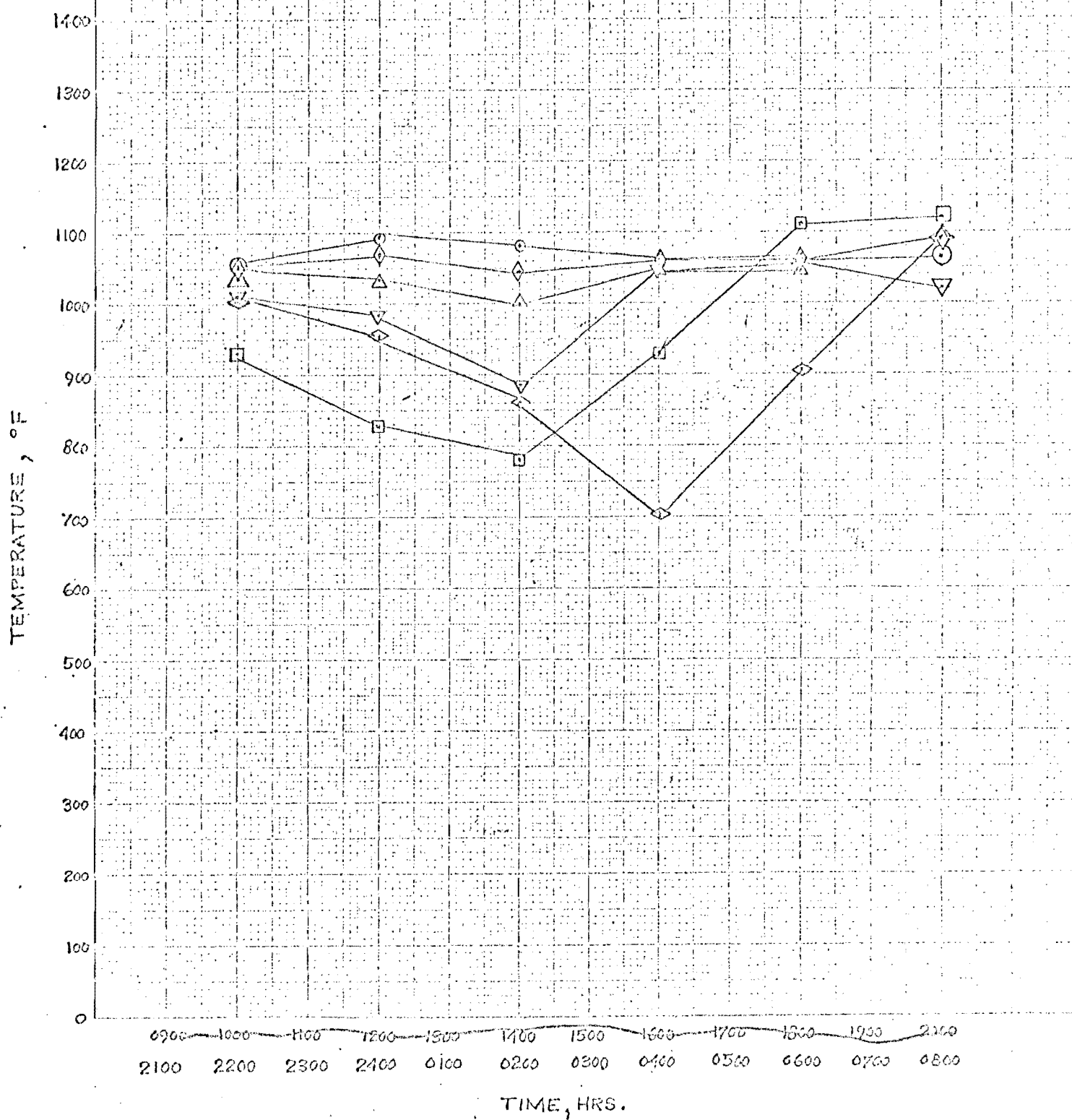


CENTER TEMPERATURES
 AIR DISTRIBUTOR GRID
 RUN NO. C1039-1
 DATE 5/27/67
 ○ SE △ SW □ CE
 ◇ CW ▽ NE ◇ NW



RE-FUELED RECORDING TO CURRY TANK

CENTER TEMPERATURES
 AIR DISTRIBUTOR GRID
 RUN NO. C-1039-7
 DATE 5-27-67
 ○ SE △ SW □ CE
 ◇ CW ▽ NE ◇ NW



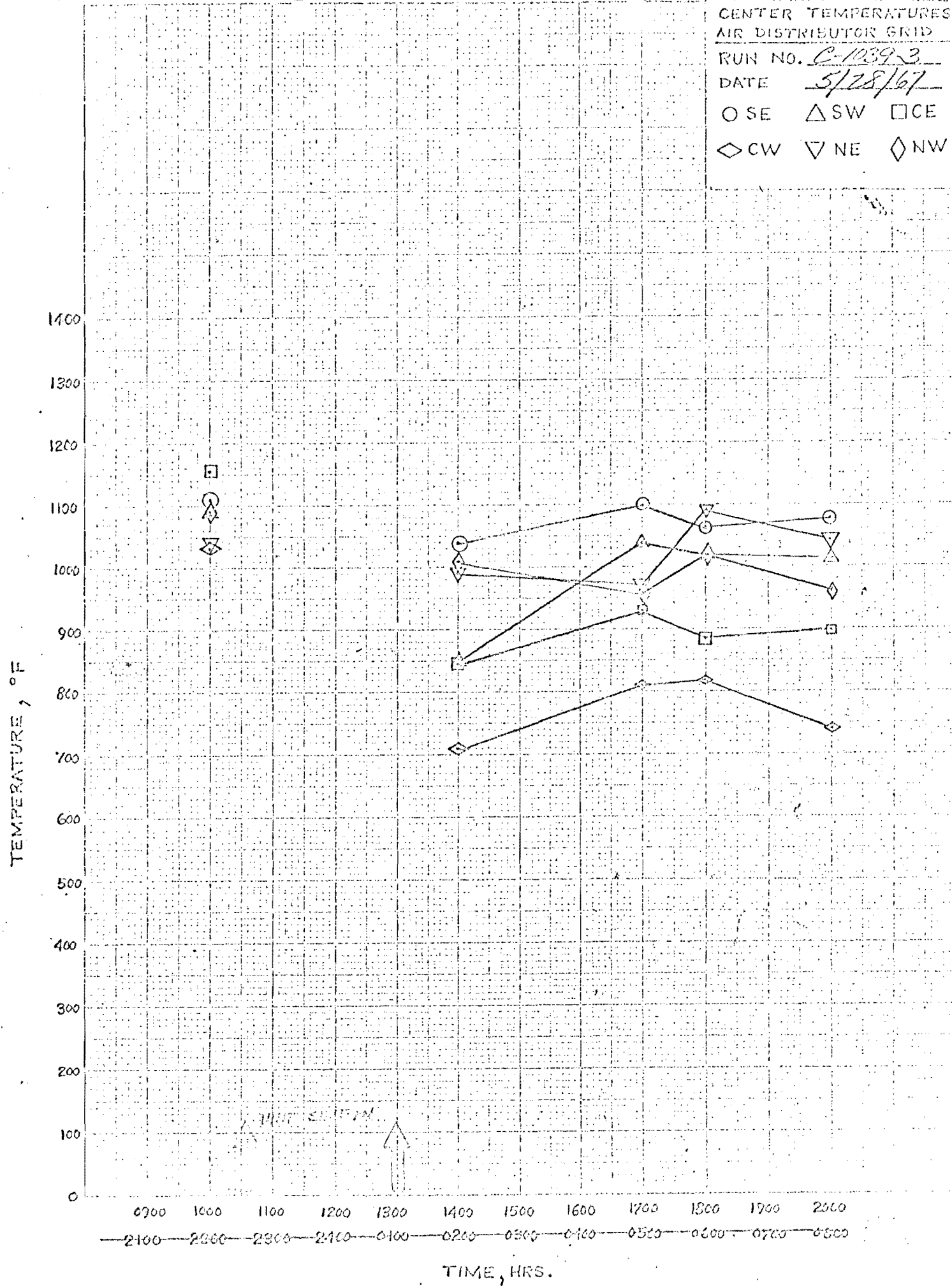
CENTER TEMPERATURES
AIR DISTRIBUTOR GRID

RUN NO. C-1039-3

DATE 5/28/67

○ SE △ SW □ CE

◇ CW ▽ NE ◇ NW



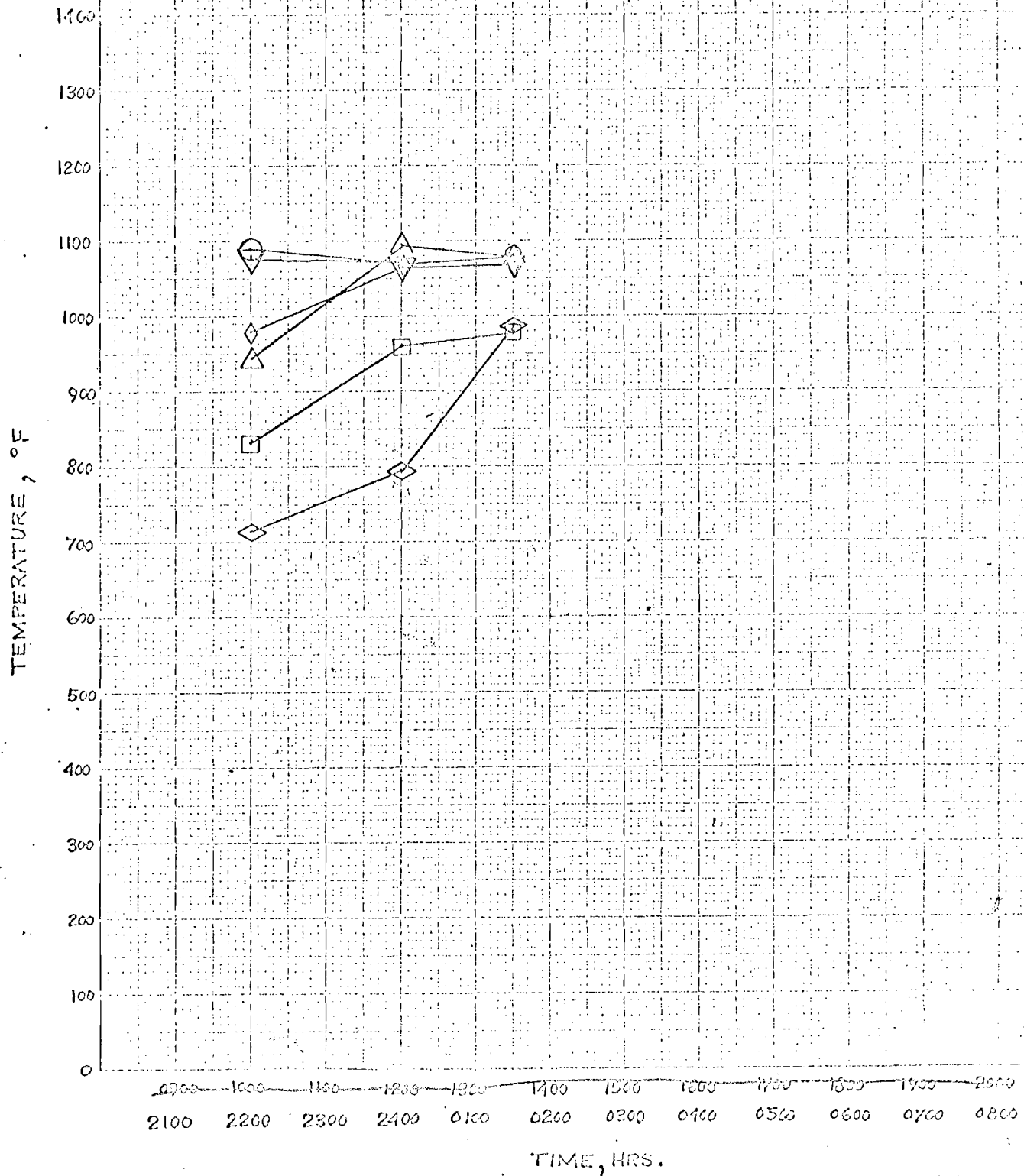
CENTER TEMPERATURES
AIR DISTRIBUTOR GRID

RUN NO. 6-1039-4

DATE 5-28-67

○ SE △ SW □ CE

◇ CW ▽ NE ◇ NW



O₂ CONCENTRATION

STARTUP C1039 - OFFGAS
TEMPERATURES AND OXYGEN
CONCENTRATION IN
VENT GAS

RUN NO. C1029

DATE 5-27-67

O₂ (+AP) IN VENT GAS, VOL. %

12
11
10
9
8
7
6
5
4
3
2
1
0

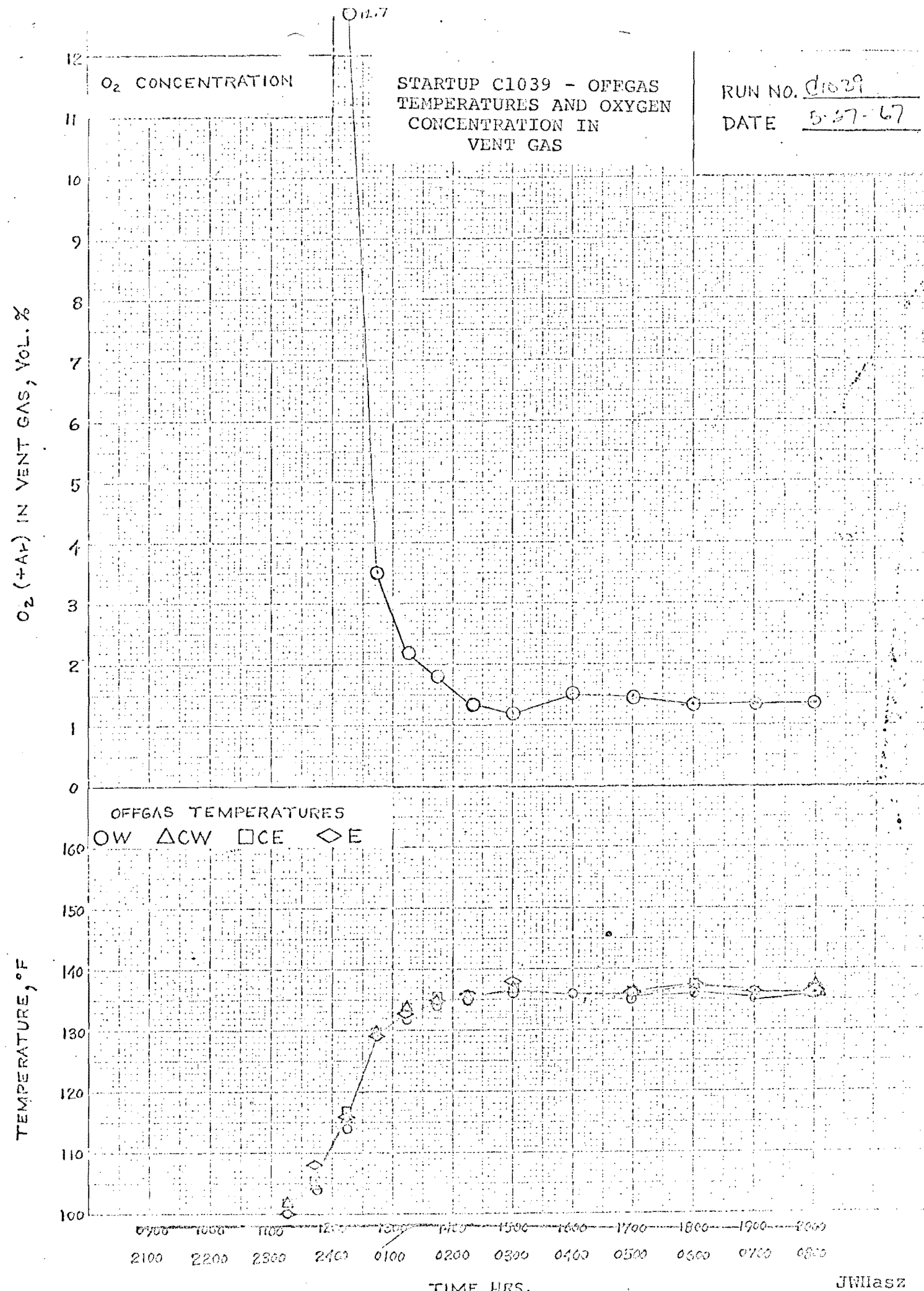
OFFGAS TEMPERATURES
○ W △ CW □ CE ◇ E

160
150
140
130
120
110
100

2100 2200 2300 2400 0100 0200 0300 0400 0500 0600 0700 0800

TIME HRS.

JWlasz

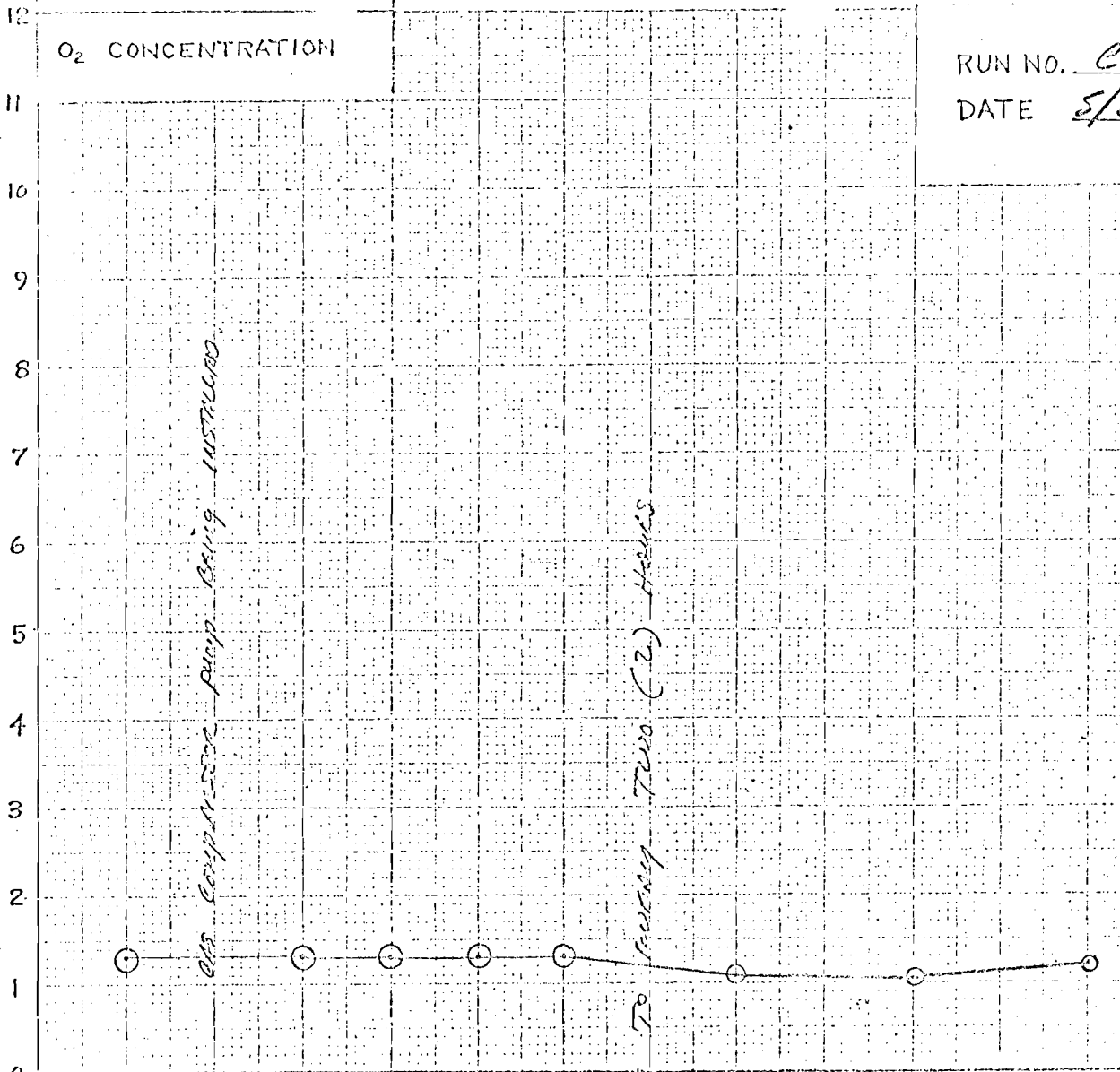


O₂ CONCENTRATION

RUN NO. C1039-1

DATE 5/27/67

O₂ (+AP) IN VENT GAS, VOL. %



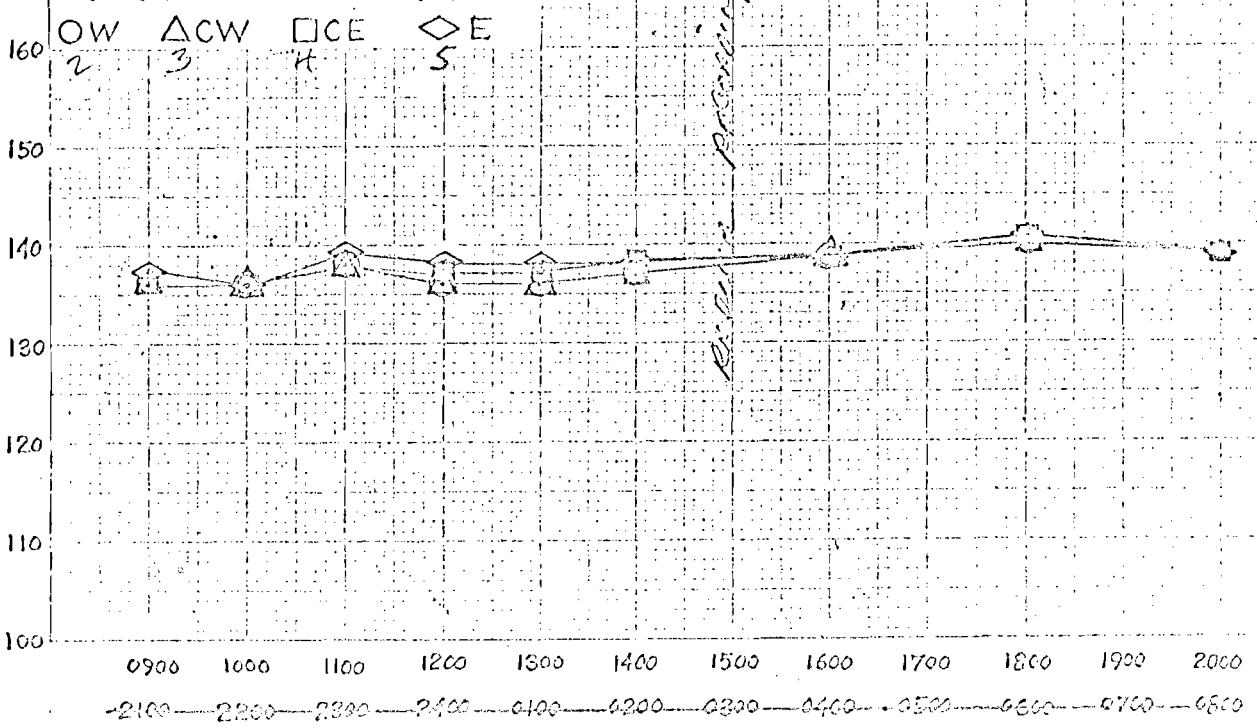
Old compressor pump being installed

Roller bearings to factory two (2) hours

OFFGAS TEMPERATURES

OW Δ CW \square CE \diamond E
2 3 4 5

TEMPERATURE, °F



0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000
-2100 -2200 -2300 -2400 -2500 -2600 -2700 -2800

TIME, HRS.

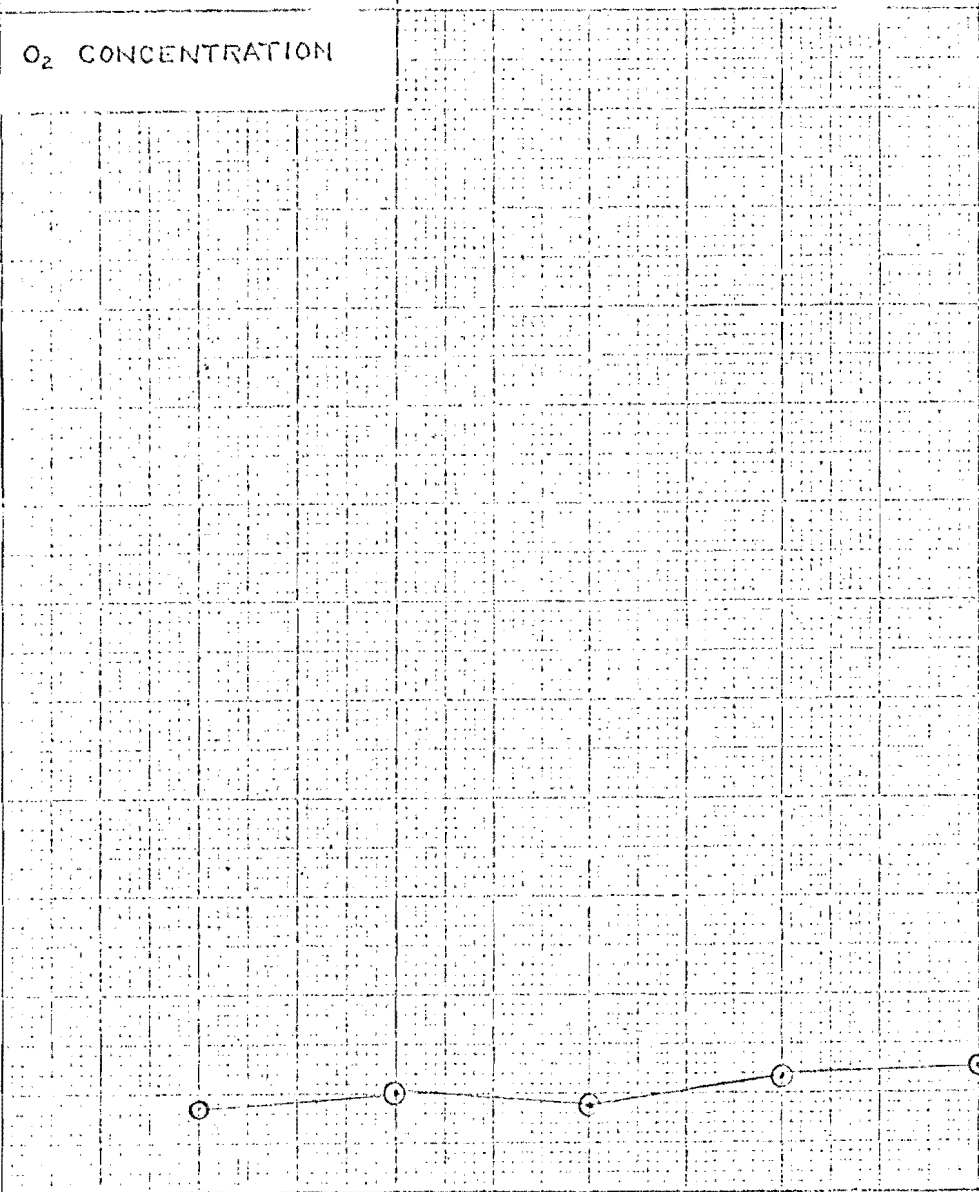
O₂ CONCENTRATION

RUN NO. C-1039-2

DATE 5-27-67

O₂ (+AF) IN VENT GAS, VOL. %

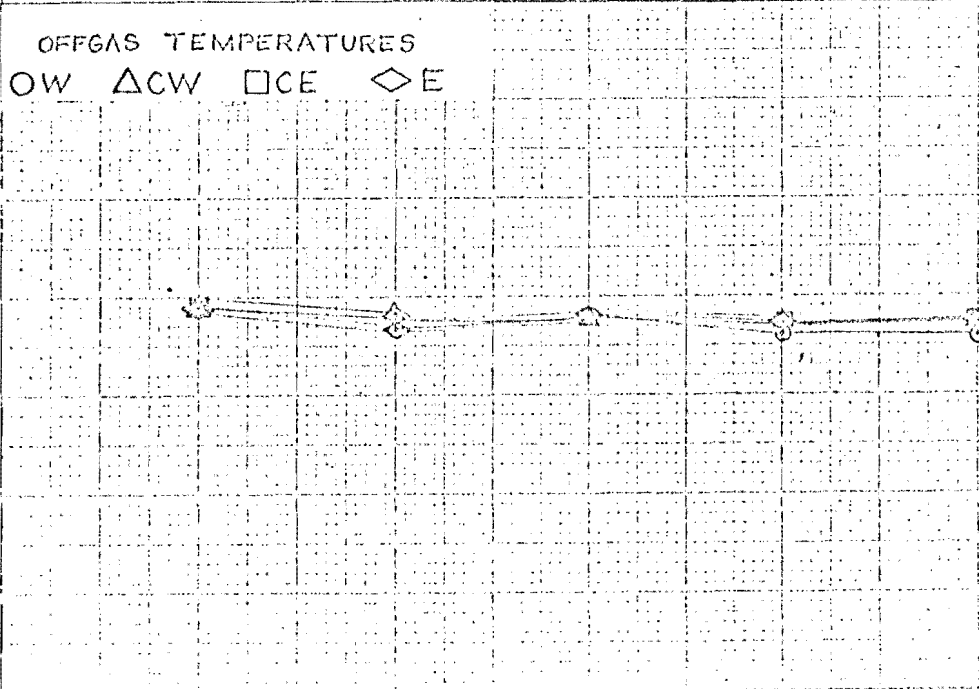
12
11
10
9
8
7
6
5
4
3
2
1
0



OFFGAS TEMPERATURES

OW Δ CW \square CE \diamond E

160
150
140
130
120
110
100



2100 2200 2300 2400 0100 0200 0300 0400 0500 0600 0700 0800

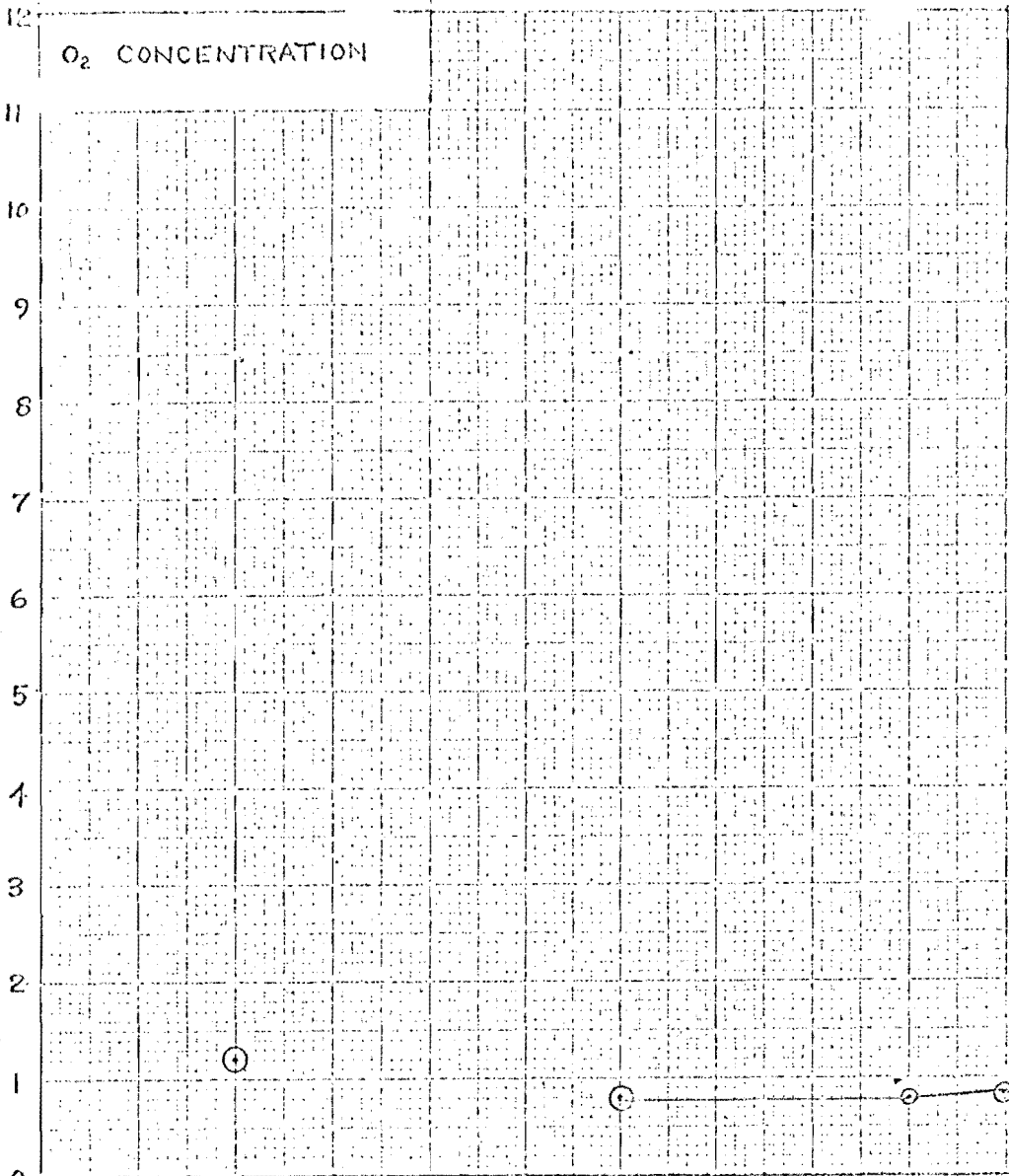
TIME, HRS.

TEMPERATURE, °F

O₂ CONCENTRATION

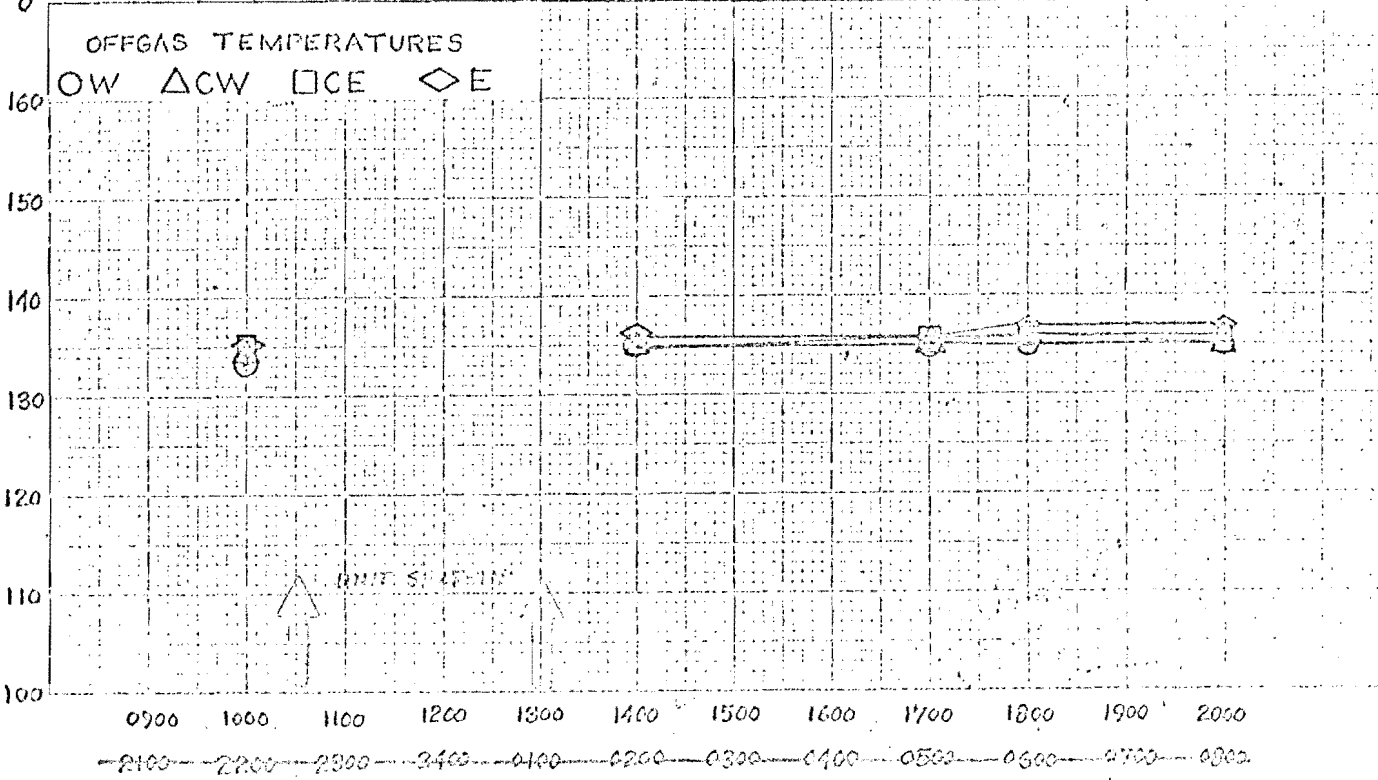
RUN NO. 1039-3
DATE 5/28/67

O₂ (+AF) IN VENT GAS, VOL. %



OFFGAS TEMPERATURES
OW Δ CW \square CE \diamond E

TEMPERATURE, °F



TIME, HRS.

O₂ CONCENTRATION

RUN NO. C-1039-4

DATE 5-29-67

O₂ (+AF) IN VENT GAS, VOL. %

12
11
10
9
8
7
6
5
4
3
2
1
0

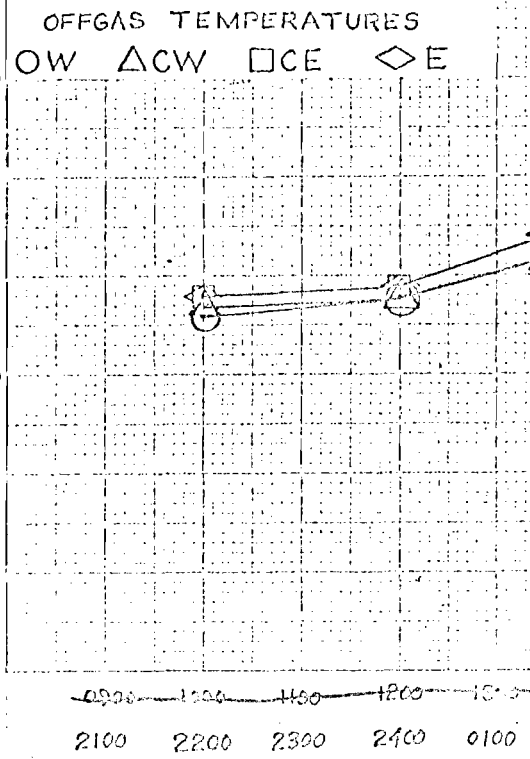
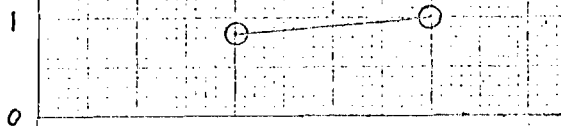
OFFGAS TEMPERATURES
○ W △ CW □ CE ◇ E

160
150
140
130
120
110
100

TEMPERATURE, °F

2100 2200 2300 2400 0100 0200 0300 0400 0500 0600 0700 0800

TIME, HRS.



Test reading set 1945 and at 3 hr intervals until fuel tank water

STRING TEST DATA

RUN NO. C-1039 ^{5/11/67}

DATE 5/26/67

○ SE △ SC □ SW

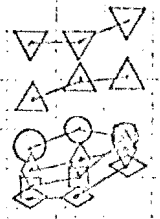
◇ NW ▽ NC ◇ NE

STRING VELOCITY, IN./MIN.

16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000
2100 2200 2300 2400 0100 0200 0300 0400 0500 0600 0700 0800

TIME, HRS.



Page 1

STRING TEST DATA

RUN NO. C-1039

DATE 5/26/67

○ SE △ SC □ SW

◇ NW ▽ NC ◇ NE

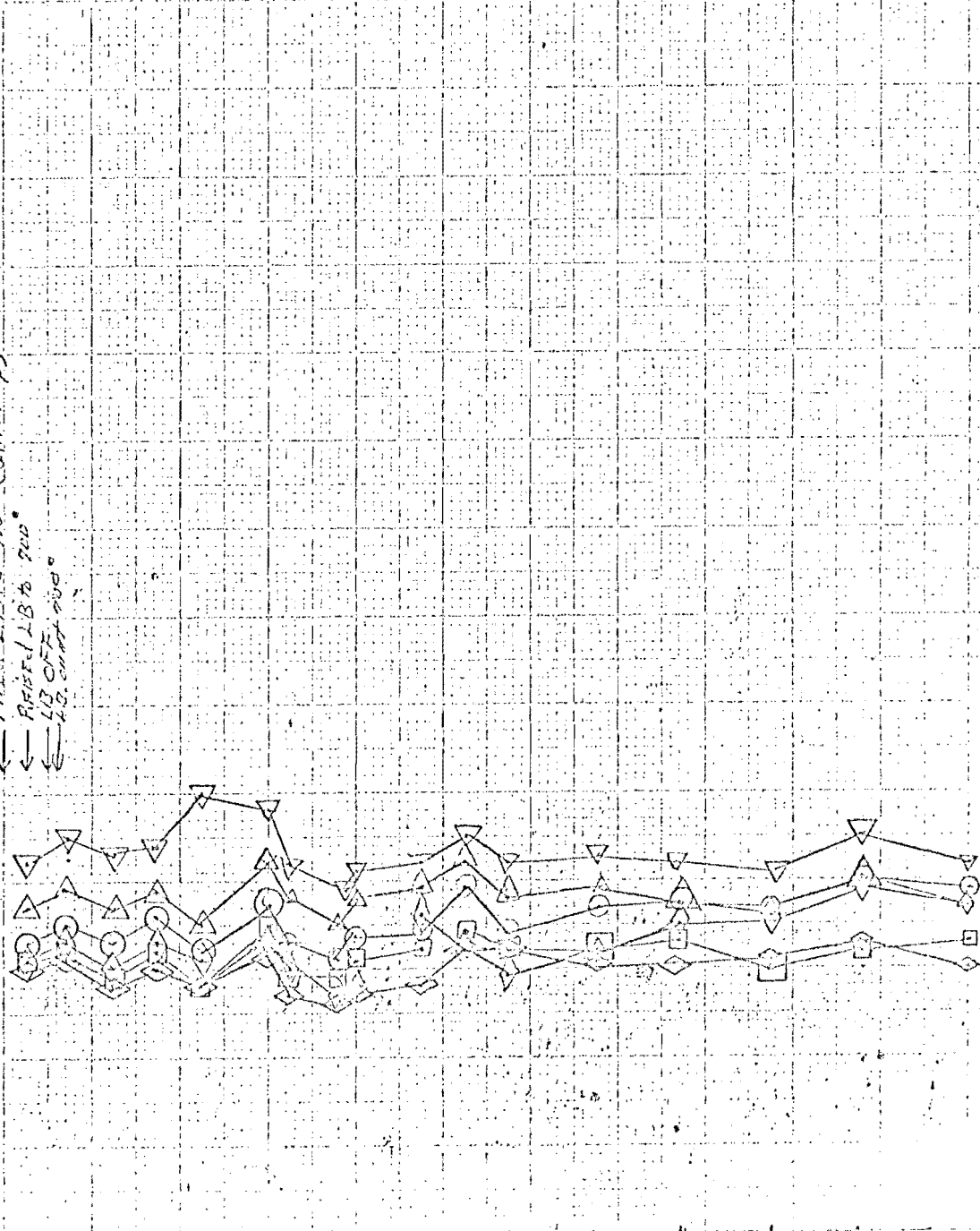
STRING VELOCITY, IN./MIN.

16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

↓ Fired L.B. @ 500° (with m-op)
↓ Reset L.B. to 700°
↓ L.B. OFF @ 900°

0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000
2100 2200 2300 2400 0100 0200 0300 0400 0500 0600 0700 0800

TIME HRS



15

STRING TEST DATA

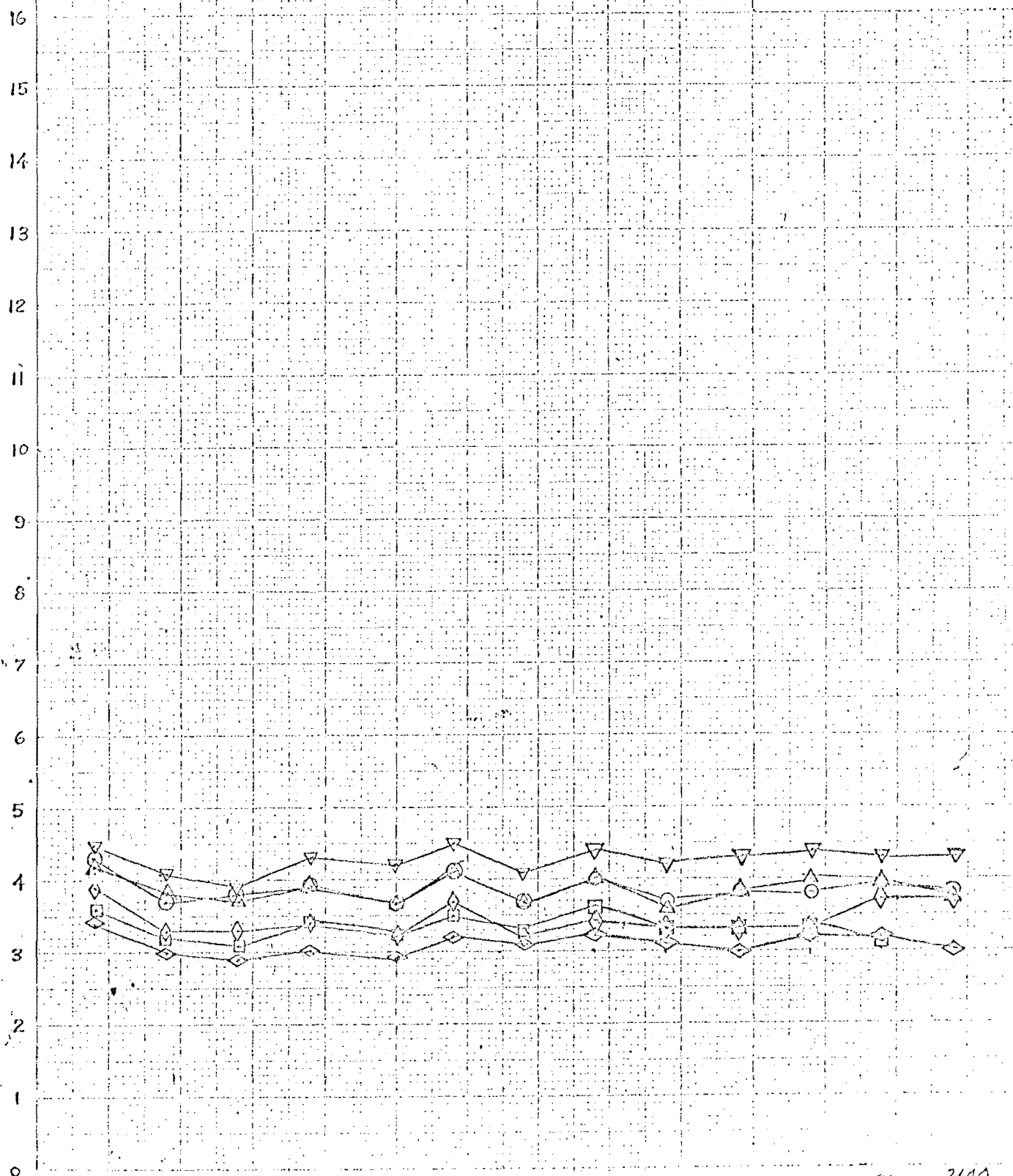
RUN NO. C-1039-1

DATE 5-27-67

○ SE △ SC □ SW

◇ NW ▽ NC ◇ NE

STRING VELOCITY, IN./MIN.



TIME, HRS.

STRING TEST DATA

RUN NO. C-1039-2

DATE 5-27-67

○ SE △ SC □ SW

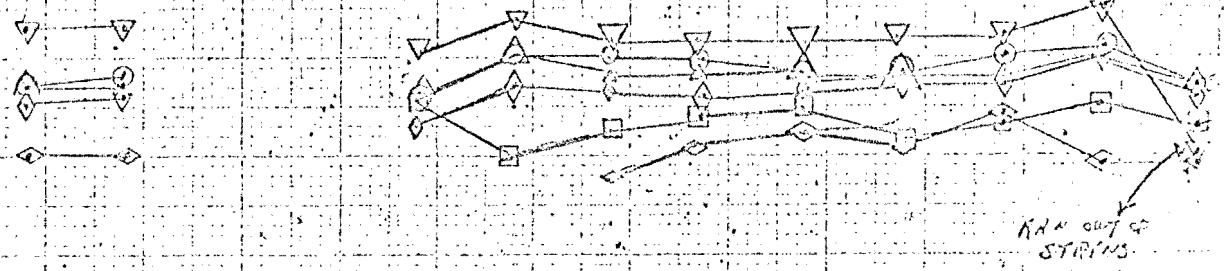
◇ NW ▽ NC ◊ NE

STRING VELOCITY, IN./MIN.

16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000
2100 2200 2300 2400 0100 0200 0300 0400 0500 0600 0700 0800 0900

TIME, HRS.



STRING RAN OUT

RAN OUT OF STRINGS

STRING DID NOT START

STRING TEST DATA

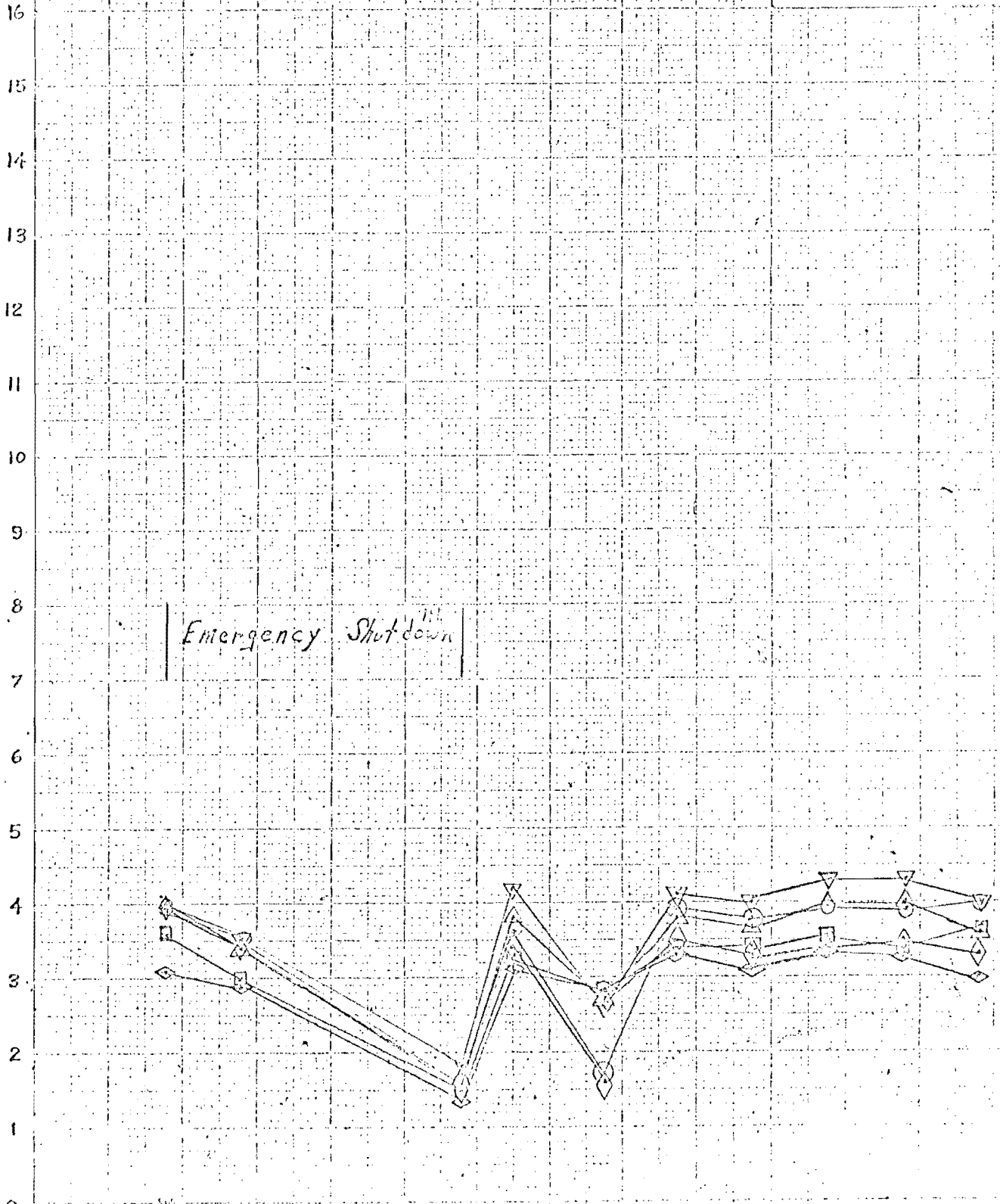
RUN NO. C-1039-3

DATE 5-28-67

○ SE △ SC □ SW

◇ NW ▽ NC ◊ NE

STRING VELOCITY, IN./MIN.



0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000
~~2100 2200 2300 2400 0100 0200 0300 0400 0500 0600 0700 0800~~

TIME, HRS.

STRING TEST DATA

RUN NO. C-1039-4

DATE 5-28-67

○ SE △ SC □ SW

◇ NW ▽ NC ◇ NE

STRING VELOCITY, IN./MIN.

16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0

0900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000
2100 2200 2300 2400 0100 0200 0300 0400 0500 0600 0700 0800

TIME, HRS.

