

RADIO FIX AND HOLDING DATA RECORD

NAME: BIGGY

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 402510.62N/0745821.73W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	SOLBERG	SBJ	VOR/DME	VL	237.24	227.24	14.41	14.41		2500	32000
2	YARDLEY	ARD	VOR/DME	L	353.34	343.34		10.41		2500	32000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SBJ	VOR/DME	R-237	15	18000	32000
ARD	VOR/DME	R-353	11	18000	32000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SOLBERG (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRIDGEHAVEN			KBDR	BRIDGEPORT	CT (US)
DP	BRIDGEHAVEN			KHVN	NEW HAVEN	CT (US)
DP	CENTRAL			47N	MANVILLE	NJ (US)
DP	MORRISTOWN	1		KMMU	MORRISTOWN	NJ (US)
DP	DEVIL	1		KEWR	NEWARK	NJ (US)
DP	LIBERTY	1		KEWR	NEWARK	NJ (US)
DP	NEWARK	1		KEWR	NEWARK	NJ (US)
DP	PORTT (RNAV)			KEWR	NEWARK	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO	1		KTEB	TETERBORO	NJ (US)
DP	GLDMN (RNAV)			KLGA	NEW YORK	NY (US)
DP	JUTES (RNAV)			KLGA	NEW YORK	NY (US)
DP	LAGUARDIA			KLGA	NEW YORK	NY (US)
DP	TNNIS (RNAV)			KLGA	NEW YORK	NY (US)
DP	STEWART	1		KSWF	NEW YORK	NY (US)
DP	DUTCHESS	1		KPOU	POUGHKEEPSIE	NY (US)
DP	PROP	1		KHPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER	1		KHPN	WHITE PLAINS	NY (US)
EN ROUTE	Q75					(US)
EN ROUTE	V3	1, 2				(US)
EN ROUTE	V419	1, 2				(US)
IAP	RNAV (GPS) RWY 7			47N	MANVILLE	NJ (US)
IAP	RNAV (GPS) RWY 26			KCKZ	PERKASIE	PA (US)

REQUIRED CHARTING: DP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. CHANGED ARD MRA FROM "5000" TO "2500" IN FIX MAKE-UP FACILITIES.
2. DELETED "MRA V3 5000" AND "MRA V419 5000" IN FIX RESTRICTIONS.
3. ADDED WENTZ (RNAV) AT KTEB IN FIX USE.

3/22/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 1/9/24.

1. DELETED WENTZ ONE AT KTEB IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 26, 2024

QUALITY
12
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DAVIM

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404944.29N/0740547.05W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
DP
DP

USE TITLE
RUUDY (RNAV)
WENTZ (RNAV)

FAC

PAT

AIRPORT IDENT
KTEB
KTEB

CITY
TETERBORO
TETERBORO

STATE
NJ (US)
NJ (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. ADDED WENTZ (RNAV) AT KTEB IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 26, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: HUGUENOT VOR/DME STATE: NY COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 412434.87N/0743529.74W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	HUGUENOT	HUO	VOR/DME	H							45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	HUO	VOR/DME	260.00	080.00	R	1		4000	6000	4	5
2	W	HUO	VOR/DME	272.82	092.82	R	1		3500	6000	4	5
3	N	HUO	VOR/DME	019.05	199.05	R	1		4000	8000	4	8
4	SW	HUO	VOR/DME	206.98	026.98	L	1		3500	6000	4	5
5	W		WP	272.82	092.82	R		4	3500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	MONUMENT (34-000046)	411915.00N/0743942.00W	2022	3C
2	200	MONUMENT (34-000046)	411915.00N/0743942.00W	2022	3C
3	210	AAO	411936.00N/0743927.00W	1946	4E
4	200	MONUMENT (34-000046)	411915.00N/0743942.00W	2022	3C
5	200	MONUMENT (34-000046)	411915.00N/0743942.00W	2022	3C
5	310	MONUMENT (34-000046)	411915.00N/0743942.00W	2022	3C

REASON FOR NONSTANDARD HOLDING:

PAT 4 AT REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.
 PAT 3 CHART 210K ICON

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
5	RNAV (GPS) RWY 8	06N	MIDDLETOWN	NY (US)
5	RNAV (GPS) RWY 26	06N	MIDDLETOWN	NY (US)

REMARKS:

ATC REQUEST SECTIONAL CHARTING.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 FAC MAGVAR: 11W/1970.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MORRISTOWN			KMMU	MORRISTOWN	NJ (US)
DP	DEVIL			KEWR	NEWARK	NJ (US)
DP	LIBERTY			KEWR	NEWARK	NJ (US)
DP	NEWARK			KEWR	NEWARK	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
DP	GLDMN (RNAV)			KLGA	NEW YORK	NY (US)
DP	JUTES (RNAV)			KLGA	NEW YORK	NY (US)
DP	LAGUARDIA			KLGA	NEW YORK	NY (US)
DP	TNNIS (RNAV)			KLGA	NEW YORK	NY (US)
DP	STEWART			KSWF	NEW YORK	NY (US)
DP	DUTCHESS			KPOU	POUGHKEEPSIE	NY (US)
DP	PROP			KHPN	WHITE PLAINS	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	T299					(US)
EN ROUTE	J132					NY (US)
EN ROUTE	V162					NY (US)
EN ROUTE	V252					NY (US)
EN ROUTE	V273					NY (US)
EN ROUTE	V489					NY (US)
IAP	RNAV (GPS) RWY 26		3	06N	MIDDLETOWN	NY (US)
IAP	RNAV (GPS) RWY 8		5	06N	MIDDLETOWN	NY (US)
IAP	ILS OR LOC RWY 4		2	KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 8			KMGJ	MONTGOMERY	NY (US)
IAP	VOR RWY 8		1	KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 33			KMSV	MONTICELLO	NY (US)
IAP	ILS OR LOC RWY 9			KSWF	NEW YORK	NY (US)
IAP	ILS RWY 9 (CAT II)			KSWF	NEW YORK	NY (US)
IAP	ILS RWY 9 (CAT III)			KSWF	NEW YORK	NY (US)
IAP	ILS RWY 9 (SA CAT I)			KSWF	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 6			KPOU	POUGHKEEPSIE	NY (US)

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IAP	RNAV (GPS) RWY 24		KPOU	POUGHKEEPSIE	NY (US)
IAP	RNAV (GPS) RWY 6		KPOU	POUGHKEEPSIE	NY (US)
IAP	VOR/DME OR GPS RWY 5	4	N82	WURTSBORO	NY (US)
STAR	VALRE		KDXR	DANBURY	CT (US)
STAR	SHAFF		KEWR	NEWARK	NJ (US)
STAR	HAARP		KLGA	NEW YORK	NY (US)
STAR	VALRE		KHPN	WHITE PLAINS	NY (US)
STAR	SLATT		KPHL	PHILADELPHIA	PA (US)

REQUIRED CHARTING: SECTIONAL, DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 27

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. CHANGED FAC MAGVAR REMARK FROM "11 DEGREES WEST (1970)" TO "11W/1970".
2. ADDED "(RNAV)" TO TNISS AT KLGA IN FIX USE.
3. DELETED "ONE" FROM PROP AT KHPN IN FIX USE.
4. ADDED WENTZ (RNAV) AT KTEB IN FIX USE.

3/22/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 1/9/24.

1. DELETED WENTZ ONE AT KTEB IN FIX USE.
2. DELETED WILKES-BARRE AT KCDW, KLDJ, KMMU, 39N, N51, KSMQ, AND KTEB IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 26, 2024

QUALITY
12
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RUUDY STATE: NJ COUNTRY: US ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404856.12N/0741641.43W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	WENTZ (RNAV)			KTEB	TETERBORO	NJ (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. CHANGED RUUDY (RNAV) AT KTEB FROM "IAP" TO "DP" IN FIX USE.
2. ADDED WENTZ (RNAV) AT KTEB IN FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A423	NAME: DANIEL JOHNSEN
APPROVED BY:	DATE: 07/11/2024	OFFICE: AJV-A423	NAME: ALLAN WILL

SIGNATURE:

Digitally signed by
ALLAN WILL
Mar 26, 2024

QUALITY
12
CHECKED

IAP	VOR-A	2	KFWN	SUSSEX	NJ (US)
IAP	ILS OR LOC RWY 19		KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) RWY 8		06N	MIDDLETOWN	NY (US)
IAP	ILS OR LOC RWY 4		KMGJ	MONTGOMERY	NY (US)
IAP	RNAV (GPS) RWY 4		KMGJ	MONTGOMERY	NY (US)
IAP	VOR RWY 8		KMGJ	MONTGOMERY	NY (US)
IAP	ILS OR LOC RWY 9		KSWF	NEW YORK	NY (US)
IAP	ILS RWY 9 (CAT II & III)		KSWF	NEW YORK	NY (US)
IAP	ILS RWY 9 (SA CAT I)		KSWF	NEW YORK	NY (US)
IAP	RNAV (GPS) RWY 34		KSWF	NEW YORK	NY (US)
IAP	ILS OR LOC RWY 34		KHPN	WHITE PLAINS	NY (US)
IAP	RNAV (GPS) Y RWY 16		KHPN	WHITE PLAINS	NY (US)
STAR	WILKES-BARRE		KCDW	CALDWELL	NJ (US)
STAR	WILKES-BARRE		KLDJ	LINDEN	NJ (US)
STAR	WILKES-BARRE		KMMU	MORRISTOWN	NJ (US)
STAR	FLOSI (RNAV)		KEWR	NEWARK	NJ (US)
STAR	SHAFF		KEWR	NEWARK	NJ (US)
STAR	WILKES-BARRE		39N	PRINCETON/ROCKY HILL	NJ (US)
STAR	WILKES-BARRE		N51	READINGTON	NJ (US)
STAR	WILKES-BARRE		KSMQ	SOMERVILLE	NJ (US)
STAR	WILKES-BARRE		KTEB	TETERBORO	NJ (US)
STAR	KINGSTON		KFRG	FARMINGDALE	NY (US)
STAR	KINGSTON		KJFK	NEW YORK	NY (US)

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. ADDED "(RNAV)" TO RUUDY AND TNNIS AT KTEB IN FIX USE.
2. ADDED WENTZ (RNAV) AT KTEB IN FIX USE.

3/22/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 1/9/24.

1. DELETED WENTZ ONE AT KTEB IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

ALLAN WILL

Mar 26, 2024

QUALITY
12
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: STILLWATER VOR/DME STATE: NJ COUNTRY: US ICAO REGION CODE: K6
 LATITUDE/LONGITUDE: 405944.95N/0745208.51W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	STILLWATER	STW	VOR/DME	L							17500

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	NW	STW	VOR/DME	305.00	125.00	L	1		3100	17500	4	16
2	NW	STW	VOR/DME	305.00	125.00	R	1		3100	8000	4	8
3	W	STW	VOR/DME	274.00	094.00	R	1		3000	8000	4	8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	410030.00N/0750333.00W	1841	4E
1	230	AAO	410030.00N/0750333.00W	1841	4E
1	265	AAO	410030.00N/0750333.00W	1841	4E
2	200	AAO	410030.00N/0750333.00W	1841	4E
2	230	AAO	410030.00N/0750333.00W	1841	4E
3	200	AAO	410051.00N/0750239.00W	1815	4E
3	230	AAO	410030.00N/0750333.00W	1841	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED MAGVAR: W11/1980
 PATTERN 2: ATC USE ONLY

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO			KTEB	TETERBORO	NJ (US)
EN ROUTE	J106					(US)
EN ROUTE	J70					(US)
EN ROUTE	V226					(US)
IAP	VOR-A		1			
IAP	RNAV (GPS) RWY 5		3	12N	ANDOVER	NJ (US)
IAP	RNAV (RNP) Y RWY 23			KMMU	MORRISTOWN	NJ (US)
IAP	ROUTE 80 VISUAL RWY 23			KMMU	MORRISTOWN	NJ (US)
IAP	RNAV (GPS) RWY 3			KFWN	SUSSEX	NJ (US)
IAP	VOR-A			KFWN	SUSSEX	NJ (US)
IAP	RNAV (GPS) X RWY 6			KTEB	TETERBORO	NJ (US)
IAP	RNAV (GPS) Y RWY 6			KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 19			KTEB	TETERBORO	NJ (US)
IAP	RNAV (RNP) Z RWY 6			KTEB	TETERBORO	NJ (US)
IAP	ILS OR LOC RWY 13			KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC RWY 6			KABE	ALLENTOWN	PA (US)
IAP	ILS OR LOC/DME RWY 24			KABE	ALLENTOWN	PA (US)
IAP	ILS RWY 6 (SA CAT I & II)			KABE	ALLENTOWN	PA (US)
STAR	WILKES BARRE			KCDW	CALDWELL	NJ (US)
STAR	WILKES BARRE			KLDJ	LINDEN	NJ (US)
STAR	WILKES BARRE			KMMU	MORRISTOWN	NJ (US)
STAR	PENNS			KEWR	NEWARK	NJ (US)
STAR	WILLIAMSPORT			KEWR	NEWARK	NJ (US)
STAR	WILKES BARRE			39N	PRINCETON/ROCKY HILL	NJ (US)
STAR	WILKES BARRE			N51	READINGTON	NJ (US)
STAR	WILKES BARRE			KSMQ	SOMERVILLE	NJ (US)
STAR	WILKES BARRE			KTEB	TETERBORO	NJ (US)
STAR	LENDY			KFRG	FARMINGDALE	NY (US)
STAR	LENDY			KJFK	NEW YORK	NY (US)

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 07/11/2024

QUALITY
12
CHECKED

REASON FOR REVISION:

1. CHANGED "J-70-106" TO "J70" AND "J106" IN FIX USE.
2. DELETED VOR-A (ALTERNATE MISSED APCH) AT KABE IN FIX USE.
3. ADDED WENTZ (RNAV) AT KTEB IN FIX USE.

3/22/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 1/9/24.

1. DELETED WENTZ ONE AT KTEB IN FIX USE.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

NAME: DANIEL JOHNSEN**APPROVED BY:****DATE:** 07/11/2024**OFFICE:** AJV-A423**NAME:** ALLAN WILL**SIGNATURE:***Digitally signed by***ALLAN WILL**

Mar 26, 2024



RADIO FIX AND HOLDING DATA RECORD

NAME: WENTZ

STATE: NJ

COUNTRY: US

ICAO REGION CODE: K6

LATITUDE/LONGITUDE: 404847.95N/0740911.34W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
DP
DP

USE TITLE
RUUDY (RNAV)
WENTZ (RNAV)

FAC

PAT

AIRPORT IDENT
KTEB
KTEB

CITY
TETERBORO
TETERBORO

STATE
NJ (US)
NJ (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. ADDED WENTZ (RNAV) AT KTEB IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by
ALLAN WILL
Mar 26, 2024

QUALITY
12
CHECKED