HAWTHORNE, CA
JACK NORTHROP FIELD/HAWTHORNE MUNI (HHR)
TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES
AMDT 415238 (FAA)
TAKEOFF MINIMUMS: Rwy $7,300-13 / 4$ or std. w/min. climb of $363^{\prime}$ per NM to 500. Rwy 25, 400-3 or std. w DEPARTURE PROCEDURE: Rwy 7, climbing right turn to 3000 heading $220^{\circ}$ and the LAX VORTAC R-170 to LIMBO Int Rwy 25 , climbing left turn to 3000 heading
$205^{\circ}$ and the LAX VORTAC R- 170 to LIMBO int. 205 and the LAX VORTAC R-170 to LIMBO int, DER, $95^{\prime}$ right of centerline, $32^{\prime}$ AGLI77' MSL. Tree $5378^{\prime}$ from DER, $483^{\prime}$ right of centerine, $90^{\circ}$ AGL/245' MSL. Trees beginning $4062^{\prime}$ from DER, $2933^{\prime}$ right of centerline, up to $86^{\prime}$ AGL/210' MSL. Tree $4984^{\prime}$ from
DER $763^{\prime}$ right of centerine $81^{\prime}$ AGL $/ 220^{\circ}$ MS Tr DER, $763^{\prime}$ right of centerline, $61^{\prime}$ AGL/220' MSL. Tree
$5163^{\prime}$ ' from DER $90^{\prime}$ right of centerline $59^{\prime}$ AGL/218' $5163^{\prime}$ from DER, $90^{\prime}$ right of centerline, $59^{\prime}$ AGL/218
MSL. Tree $2967^{\prime}$ from DER, $840^{\prime}$ right of centerline, $78^{\circ}$ AGL157' MSL. Poie 1 NM from DER, 397' right of centerline, $58^{\prime}$ AGL/237' MSL. Pole $3187^{\prime}$ from DER 172 'right of centerine, $62^{\prime} \mathrm{AGL} / 160^{\prime} \mathrm{MSL}$. Pole 2794 from DER, $322^{\prime}$ right of centerline, $61^{\prime}$ AGL/148' MS
Pole $1484^{\prime}$ from DER, $636^{\prime}$ right of centerline $41^{\prime}$ Pole $1484^{\prime}$ from DER, $636^{\prime}$ right of centerline, $4^{\prime}$
AGL/111' MSL. Sign $73^{\prime}$ from DER, $405^{\prime}$ right of centerline, 38' AGL/94' MSL. Transmission line tower beginning $5428^{\prime}$ from DER, $855^{\prime}$ left of centerline, $132^{\prime}$
AGL $1307^{\prime}$ MSL. Transmission line tower $5829^{\prime}$ from DER 466 left of centerline, 130 AGLL 23 MSL . Transmission line tower 1.2 NM from DER, $685^{\prime}$ left of centerline, 124
AGL/282' MSL. Transmission line tower 1.3 NM from AER, 205' left of centerline, $112^{\prime}$ AGL/296' MSL. Building $1130^{\prime}$ from DER, $404^{\prime}$ left of centerline, $38^{\prime} \mathrm{AGL} / 105^{\prime}$ MSL. Building 1.1 NM from DER, $2020^{\prime}$ left of centerine $76^{\prime}$ AGL $1305^{\circ} \mathrm{MSL}$. Building $5081^{\prime}$ from DER, $5^{\prime}$ ' left of centerline, $69^{\prime}$ AGL $228^{\prime}$ MSL. Building $5284^{\prime}$ from DER $94^{\prime}$ 'eft of centerline, $69^{\prime}$ AGL/230' MSL. Building $1130^{\prime}$
from DER, $405^{\prime}$ left of centerline, $38^{\prime}$ AGL/105' MSL. Monument 1.3 NM from DER, $2258^{\prime}$ left of centerine 121' AGL/327' MSL. Tower 1.3 NM from DER, 1711' le of centerline, 115 ' AGL/322' MSL. Towers beginning 1.3 NM from DER, $1673^{\prime}$ left of centerline up to 83 AGL285' MSL. Tree $5054^{\prime}$ from DER, $1002^{\text {l }}$ left of centerline, $67^{\prime}$ AGLI241 MSL. Trees beginning $2866^{\circ}$
from DER $56^{\prime}$ left of centerline up to $67^{\prime}$ AGL $170^{\prime} \mathrm{MS}$ from DER, $56^{\circ}$ left of centerline, up to 67 AGL-170 MS $37^{\prime}$ AGL/93' MSL. Poles beginning 1401 ' from DER, 16 left of centerline, up to $62^{\prime} \mathrm{AGL} 130^{\prime} \mathrm{MSL}$ Rwy 25 , tree $988^{\prime}$ from DER, 162 ' right of centerline, $711^{\prime}$ AGL/ 136 ' MSL. Poles beginning $309^{\prime}$ from DER, $202^{\prime}$ right of centerline, up to 77' AGL/149' MSL. NAVAID 6' from
DER, on centerline, 8' AGL/73' MSL. Tank 4471' from DER, 1311 ' left of centerline, 137' AGL/227' MSL. Tree beginning $383^{\prime}$ from DER, 91 ' lett of centerline, up to 61 AGL/122' MSL. Pole beginning $91^{\prime}$ from DER, 257 ' left of centerline, up to $51^{\prime}$ AGL $/ 118^{\prime}$ MSL. Sign $219^{\prime}$ from DER, $75^{\prime}$ left of centerline, $23^{\prime}$ AGL $188^{\prime}$ MSL building $286^{\prime}$ from DER, $363^{\prime}$ left of centerline, $36^{\prime}$ AGL/101' MSL. Building
$2357^{\prime}$ from DER, $147^{\prime}$ left of centerine $83^{\prime}$ AGL $154^{\prime}$ MSL. Building 2.6 NM from DER, 290 left of centerline 353' AGL/462' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS) ORIG 17341 (FAA)
Rwy 7, heading as assigned by ATC; requires
minimum climb of $370^{\prime}$ per NM to 400 Rwy as assigned cy of $370^{\prime}$ per NM to 400 . Rwy 25 , heading NM to 300 .

## HEMET, CA

HEMET-RYAN (HMT)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 316315 (FAA)
AKEOFF MINIMUMS: RWY 5, Std. wimin. climb of 440 per NM to 3500, or 1700-3 for climb in visual conditions. Aircraft shall advise ATC prior to executing the VCOA.
Rwy 23 , std wimin. climb of 495 ' per NM to 3000 , or $1700-3$ for climb in visual conditions.
DEPARTURE PROCEDURE: Rwy 5 , climbing left turn
Rwy 23 , climb heading $230^{\circ}$ to 3000 then right turn direct HDF VOR thence... ...continue climb in HDF holding pattern (hold se, right turn, $315^{\circ}$ inbound) to cross HDF VOR at or above MEAMCA for route of flight requesting IFR clearance. Climb in visual conditions to cross Hemet-Ryan airport westbound at or above 3100 then proceed direct HDF VOR and continue climb in HDF holding Pattern (hold se, right turn $315^{\circ}$ inbound) to cross hDF VOR at or above MEA/MCA for route of fight. AKEOFF OBSTACLE NOTES: Rwy 5, vehicles on roadway, $199^{\prime}$ from DER, crossing centerline, up to 15
AGL/.1534' MSL. Rwy 23 , trees beginning 1.1 NM from DER, $2166^{\prime}$ right of centerline, up to $100^{\prime}$ AGL/1859' MSL. trees beginning 1.3 NM from DER, 2249 ' right of centerline, up to $100^{\prime}$ AGL/2019' MSL. trees beginning 1.5 NM from DER, $1686^{\prime}$ left of centerline, up to $100^{\prime}$ AGL/1808' MSL.

## IMPERIAL, CA

IMPERIAL COUNTY (IPL)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2A 09239 (FAA)
TAKEOFF MINIMUMS: Rwy 14, $400-21 / 4$ or std. wi min climb of $220^{\prime}$ per NM to 400 , or alternatively, with
standard TAKEOFF minimums and a normal $200^{\prime}$ NM climb gradient, TAKEOFF must occur no later than $1800^{\prime}$ prior to DER.
EPARTURE PROCEDURE: Rwys 8, 32, turm right. Rwy 14, climb runway heading. Rwy 26, turn left. All aircraft climb direct IPL VORTAC.
AKEOFF OBSTACLE NOTES: Rwy 8 , multiple VASI beginning 687 ' from DER, 31 ' right of centerine, up to $5^{\prime}$
AGL-52' MSL. Antenna on building $1033^{\prime}$ from DER $703^{\prime}$ left of centerline, $45^{\prime} \mathrm{AGL} /-12^{\prime} \mathrm{MSL}$. Light on pole 1984' from DER, $386^{\prime}$ left of centerline, 55 ft AGL-2' MSL. Rwy 14, building $1770^{\prime}$ from DER, $38^{\prime}$ left of centerline, 45' AGL/-11' MSL. Road 430'from DER, 291' DER, 35 ' left of centerine, 45 AGL/-11' MSL. Pole 1457 from DER, $393^{\prime}$ right of centerline, $37^{\prime}$ AGL/-19' MSL. Rwy 26, multiple obstruction lights on poles beginning $1509^{\prime}$ from DER, 15 ' left of centerline, up to 60 AGL/3 MSL. Obstruction light on pole $1511^{\prime}$ from DER, ${ }^{459^{\prime}}$ ' right of centerline, $59^{\prime}$ AGL/2' MSL. Rwy 32 , centerline $110^{\prime}$ AGL/53' MSL. Numerous tanks beginning $3580^{\prime}$ from DER, 296 ' right of centerline, up to 109 ' AGL/53' MSL. Tree $373^{\prime}$ from DER, $387^{\prime \prime}$ right of centerline, $80^{\circ}$ AGL-24' MSL. Multiple lights beginning $243^{\prime}$ from DER, 361 ' right of centerine, up to $28^{\prime}$ AGL/$29^{\prime}$ MSL. Pole $657^{\prime}$ from DER, $370^{\prime}$ left of centerline, $27^{\prime}$ centerline, $13^{\prime}$ AGL/-44' MSL.

## Vivis <br> TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND $\bar{\nabla}$
(KNRS)
IMPERIAL BEACH, CA
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
15232
Rwy 8, 9, 26, departures not authorized. withorizerse departure not authorized. Departures authorized for military rotorcraft only. Climb to 2000 via heading $274^{\circ}$ to intercept NRS TACAN R-273. Cross rate of $600 / \mathrm{NM}$ till 800 with takeoff occurring NLT 3038 rate of 600 INM till 800 with takeoff occurring
prior to DER or cross DER at or above 320 . TAKEOFF OBSTACLE NOTES: Rwy 27, pylon 186' inward of DER, $552^{\prime}$ right of entrin, $30^{\circ}$ AGL/43' MSL
Pylon 79 inward of DER, $521^{\prime}$ right of cntrin, $30^{\circ}$ AGL/42' MSL. Pylon 61' inward of DER, $587^{\prime}$ ' right of cntrin, $39^{\prime}$ AGL $511^{\prime}$ MSL. PyIon $30^{\prime}$ inward of DER, 704
right of entrin, $39^{\prime}$ AGLI50' MSL Pyion 2' fromDER $499^{\prime}$ right of cntrin 32 ' AGL $433^{\prime}$ MSL Pylon $2^{\prime}$ from DER, $498^{\prime}$ right of entrln, 32 AGL/42' MSL. Light pole $12^{\prime}$ from DER, $502^{\prime}$ right of ontrin, $40^{\prime} \mathrm{MSL}$. Terrain $50^{\prime}$ from DER, $500^{\prime}$ right of cntrln, $11^{\prime}$ ' MSL. Terrain $63^{\prime}$ from DER, $517^{\prime}$ right of cntrln, $11^{\prime} \mathrm{MSL}$. Fence $96^{\prime}$ from DER, $19^{\prime}$ right of ontrln, $9^{\prime}$ AGL10' MSL. Tree $141^{\prime}$ from DER,
$540^{\prime}$ right of cntrln $34^{\prime} \mathrm{AGL} 44^{\prime} \mathrm{MSL}$. Pylon $228^{\prime}$ from DER $515^{\prime}$ right of cntrln, $30^{\prime}$ AGL/42' MSL. PyIon $229^{\prime}$ from DER, 515 ' right of entrln, $30^{\prime}$ AGL/39' MSL. Pylon $305^{\prime}$ from DER, $802^{\prime}$ right of cntrIn, $39^{\prime} \mathrm{AGL} / 48^{\prime} \mathrm{MS}$
Bildg $2840^{\prime}$ from DER, $979^{\prime}$ left of cntrin, $60^{\prime} \mathrm{MSL}$.

INYOKERN, CA
INYOKERN (IYK)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 03247 (FAA)
TAKEOFF MINIMUMS: Rwys 2, 10, 15, 28, 33, NA DEPARTURE PROCEDURE: Rwy 20, use LAKE HUGHES RNAV DEPARTURE
$\bigcirc$ LA VERNE, CA
BRACKETT FIELD (POC)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 619003 (FAA)
TAKEOFF MINIMUMS: Rwy 26L, 300-1 or std. wimin
climb of $713^{\prime}$ per NM to 1400 Rwy 26 R , $300-1$ or std w/min climb of $676^{\prime}$ per NM to 1400 .
DEPARTURE PROCEDURE: Rwys 8L, 8R, climb heading $079^{\circ}$ to 1500 then climbing right turn on heading $215^{\circ}$ and POM R-164 to PRADO INT thence Rwys 26L, 26R, climb heading $259^{\circ}$ to 1400 then climbing left turn on heading $130^{\circ}$ and POM R-164 to
PRADO INT thence PRADO INT thence.
right turn, $344^{\circ}$ inbound) to cross PRADO (NT at or above MEA for route of flight.
TAKEOFF OBSTACLE NOTES: Rwy 8L, sign $24^{\prime}$ from Des, 98 ( 4 ' fromterine, $479^{\prime}$ bet 1 . Venicles on roa beginning $46^{\prime}$ from DER, $479^{\prime}$ left of centerline, up to
$1030^{\prime}$ MSL. Vehicies on road $161^{\prime}$ from DER, $477^{\prime}$ left of centerline, $1031^{\prime}$ MSL. Vehicles on road, sign beginning $187^{\prime}$ from DER, $462^{\prime}$ left of centerine, up to $1032^{\prime}$ MSL. Vehicles on road beginning $327^{\prime}$ from DER, $449^{\prime}$ left of centerline, up to 1037 MSL. Building, vehicles on road ${ }^{\prime}$ beginning $394^{\prime}$ from $D E R, 418^{\prime}$ left of centerine, up to $397^{\prime}$ ' left of centerline, up to $1062^{\prime}$ MSL.

## LA VERNE, CA (CON'T)

BRACKETT FIELD (POC) (CON'T)
Rwy 8L (CON'T), vehicles on road 602' from DER, 6 right of centerline, 1029 MSL. Building, vehicles on road pole beginning $683^{\prime}$ from DER, 187 ' left of centerline, up to $1069^{\circ}$ MSL. Pole $1210^{\prime}$ from DER, $518^{\prime}$ right of centerline, $10477^{\prime}$ MSL. Transmission line 1299 ' from
DER, $673^{\prime}$ right of centerline, $55^{\prime}$ AGL/1057' MSL. Pole eginning 1401 ' from DER $164^{\prime}$ right of centerline up to 1064' MSL. Pole $1566^{\prime}$ ' rom DER, $294^{\prime}$ ' ight of center line 1065 MSL . Pole beginning $1719^{\prime}$ from DER, $24^{\prime}$ ' right of centerline, up to $54^{\prime}$ AGL/1067 MSL. Pole beginning 1803' from DER, $148^{\prime}$ left of centerline, up to $72^{\prime}$ $24^{\prime}$ ' right of centerline, up to $1090^{\prime}$ MSL Rwy 8 R sign 43 $24^{\prime}$ right of center line, up to $1090^{\prime}$ MSL. Rwy 8 R, sign 43
from DER $239^{\prime}$ right of centerline, $1016^{\circ}$ MSL. Vehicles on road 118 ' from DER, $463^{\prime}$ right of centerline, 1017' MSL. Vehicles on road $346^{\prime}$ from DER, 7 ' right of centerline, $1021^{\prime}$ MSL. Vehicles on road $527^{\prime}$ ' from DER, $294^{\prime}$ 'eft of centeriine, 1029 MSL. Vehicles on road 715 from DER, 641 ' left of centerine, 1034 MSL. Pole $90{ }^{\prime}$ Pole beginning $1048^{\prime}$ from DER, 217 ' right of centerline, up to 56 AGL/1052' MSL. Transmission line $1223^{\prime}$ from DER, $372^{\prime}$ right of centerline, 55' AGL/1057' MSL. Pole beginning $1326^{\prime}$ from DER, 131 ' left of centerline, up to $1064^{\prime}$ MSL. Pole beginning $1347^{\prime}$ from DER, $74^{\prime}$ right of centerline, up to $102^{\prime}$ MSL. Pole $1490^{\prime}$ from DER, $5^{\prime}$ le DER, $275^{\prime}$ left of centerline, up to $51^{\prime}$ AGL/1067' MSL Pole, tree beginning $1727^{\prime}$ from DER, $24^{\prime}$ left of centerline, up to 72 AGL/1094 MSL. Trees beginning $1730^{\prime}$ from DER, $669^{\prime}$ right of centerline, up to $1090^{\prime}$ MSL. Pole, transmission line beginning 3447' from DER,
$982^{\prime}$ left of centerline, up to $1100^{\prime}$ MSL. Tree $3586^{\prime}$ from DER, $14^{\prime}$ left of centerline $1101^{\prime}$ MSL. Tree 4027' from DER, 403 ' left of centerine, $1114^{\prime}$ MSL. Rwy 26 L , sign $46^{\prime}$ from DER, $199^{\prime}$ left of centerline, $967^{\prime}$ MSL. Tree 159 from DER, $477^{\prime}$ left of centerline, $989{ }^{\circ} \mathrm{MSL}$. Tree 191 from DER, 482 left of centerline, 1003 MSL. Vegetatio $359^{\prime}$ from DER, 498 left of centerine, 1010 MSL ' DER, 225 ' left of centerline, up to $1028^{\prime}$ MSL Trees beginning 561 from DER, $231^{\prime}$ left of centerline, up to 1037' MSL. Tree 814 ' from DER, 96 ' right of centerline, $990^{\prime}$ MSL. Trees beginning $824^{\prime}$ from DER, $217^{\prime}$ right of
centerine up to 1017 ' MSL. Tree $851^{\prime}$ from DER 271' centerline, up to $1017^{\prime}$ MSL. Tree $851^{\prime}$ from DER, $271^{\prime}$ right of centerline, $1018^{\prime}$ MSL. Trees beginning $889^{\prime}$ from
$D E R, 66^{\prime}$ right of centerine, up to 1021 MSL. Trees beginning 998 ' from DER, 85 left of centerline, up to 1041 ' MSL. Trees beginning 1027' from DER, $114^{\prime}$ 'right of centerline, up to 1022 MSL . Tree $1100^{\circ}$ from DER, $330^{\prime}$ 'right of centerine, $1023^{\prime}$ MSL. Trees beginning $1158^{\prime}$ from DER, $0^{\prime}$ right of centerline, up to $1026^{\circ} \mathrm{MSL}$. Trees beginning 1428 from DER, 20 left of centerline, up
to $1042^{\prime}$ MSL. Trees beginning 1495 from DER, 51 ' right of centerline up to $1028^{\prime}$ MSL. Tree building beginning $1767^{\prime}$ from DER, 697 ' right of centerline, up to 1033 ' MSL. Building, terrain beginning $2358^{\prime}$ from DER, 897 right of centerline, up to $1131^{\prime}$ MSL. Antenna, tree, vehicles on road, building, terrain, vegetation beginning 2404' from DER, $482^{\prime}$ 'ight of centerline, up to $1156^{\prime}$
MSL. Tree $2760^{\prime}$ from DER, $1102^{\prime}$ right of centerline, 1197 MSL. Tree, vehicles on road, terrain, building beginning $2768^{\prime}$ from DER, $483^{\prime}$ right of centerline, up to 1212' MSL. Tree, vehicles on road, terrain, building beginning $3147^{\prime}$ from DER, $228^{\prime}$ right of centerline, up to 1224 MSL. Tank vehicles on road, pole, tree, building, vegetation beginning $3429^{\prime}$ from DER, $323^{\prime}$ right of DER, $10^{\prime}$ left of centerline, $1065^{\prime}$ MSL. CON'T DIVERSE VECTOR AREA (RADAR VECTORS)


JACK NORTHROP FIELD/HAWTHORNE MUNI (HHR) Al-5120 (FAA) HAWTHORNE, CAUFORNIA

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AIRPORT DIAGRAM


