**JOHNSTOWN TRANSITION (JST.BUNTS2):**

**PHILIPSBURG TRANSITION (PSB.BUNTS2):**

From over HAR VORTAC via HAR R-117 (V210) and LRP R-296 to LRP VOR/DME, thence via LRP R-104 (V210) to BUNTS INT. Expect RADAR vectors to final approach course.

NOTE: This STAR is for aircraft capable of 250K or greater.

NOTE: Chart not to scale.
CEDAR LAKE NINE ARRIVAL

PHILADELPHIA, PENNSYLVANIA

NOTE: Chart not to scale.

BRIGS TRANSITION (BRIGS.VCN9): From over BRIGS on VCN R-101 to VCN VOR/DME. Thence...

SNOW HILL TRANSITION (SWL.VCN9): From over SWL VORTAC on SWL R-034 and SIE R-216 to SIE VORTAC, then on SIE R-353 and VCN R-174 to VCN VOR/DME. Thence...

...from over VCN VOR/DME: Turbojets expect RADAR vectors to final approach course. Non-Turbojets continue on the VCN R-301 and the OOD R-121 to OOD VORTAC; expect RADAR vectors to final approach course.
ARRIVAL ROUTE DESCRIPTION

BRIGS TRANSITION (BRIGS.JIMS3):
DASHA TRANSITION (DASHA.JIMS3):
SNOW HILL TRANSITION (SWL.JIMS3):

Landing ILG: From over JIIMS on track 288° to TLUKS, then on heading 307°. Expect RADAR vectors to final approach course.

Landing MQS: From over JIIMS on track 288° to TLUKS, then on track 317° to RANSM, then on heading 352°. Expect RADAR vectors to final approach course.

Landing PNE, TTN: From over JIIMS on track 339° to BEELZ, then on track 007° to WOJIK, then on track 087° to PSOUT, then on heading 032°. Expect RADAR vectors to final approach course.

Landing PHL Rwy 9L, 9R: From over JIIMS on track 288° to TLUKS, then on track 353° to cross CHEAZ at 190K, then on track 266° to STAYK, then on track 266°. Expect RADAR vectors to final approach course.

Landing PHL Rwy 17, 35: From over JIIMS on track 312° to SNEDE, then on track 312°. Expect RADAR vectors to final approach.

Landing PHL Rwy 26, 27L, 27R: From over JIIMS on track 339° to BEELZ, then on track 007° to cross WOJIK at 190K, then on track 087° to PSOUT, then on track 087°. Expect RADAR vectors to final approach course.

NOTE: Chart not to scale.
ARRIVAL ROUTE DESCRIPTION

FLAT ROCK TRANSITION (FAK.PAATS3):
GORDONSVILLE TRANSITION (GVE.PAATS3):
PATUXENT TRANSITION (PXT.PAATS3):

From over ESSSO on track 046° to PAATS thence....

Landing MQS: From over PAATS on track 026° to RANS, then on heading 352°. Expect RADAR vectors to final approach course.
Landing PNE, TTN: From over PAATS on track 026° to RANS, then on track 076° to WOJIK, then on track 087° to PSOUT, then on heading 032°. Expect RADAR vectors to final approach course.
Landing PHL Rwy 9L, 9R: From over PAATS on track 061° to TLUKS, then on track 353° to cross CHEAZ at 190K, then on track 266° to STAYK, then on track 286°. Expect RADAR vectors to final approach course.
Landing PHL Rwy 17, 35: From over PAATS on track 070° to TEBEE, then on heading 057°. Expect RADAR vectors to final approach course.
Landing PHL Rwy 26, 27L, 27R: From over PAATS on track 081° to ROLL, then on track 055° to BEEZ, then on track 007° to cross WOJIK at 190K, then on track 087° to PSOUT, then on track 087°. Expect RADAR vectors to final approach course.

NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: For turbojets only.
NOTE: PXT transition as assigned by ATC.
NOTE: RADAR required.

NOTE: Chart not to scale.