Chapter 7
Dynamic View - Perspective
DView Camera Option 7.1

1. **Choose** View, 3D Orbit
   or
2. **Type** DVIEW at the command prompt.

   Command: `dview`

   Select objects or <use DVIEWBLOCK>:

   **pick objects**

   Enter option

   [CAmera/TArget/Distance/POints/PAn/Zoom/TWist/CLip/Hide/Off/Undo]: `ca`

   Specify camera location, or enter angle from XY plane, or [Toggle (angle in)] <90.0000>: 30

   Specify camera location, or enter angle in XY plane from X axis, or [Toggle (angle from)] <90.0000>: 45

   Enter option

   [CAmera/TArget/Distance/POints/PAn/Zoom/TWist/CLip/Hide/Off/Undo]:

   Regenerating model.

   **Note:** You can also twist and pick a camera location.
DView Target Option 7.2

1. Choose View, 3D Orbit or
2. Type DVIEW at the command prompt.
   Command: `dview`
   Select objects or <use DVIEWBLOCK> pick objects:
   Select objects: `enter`
   Enter option
   `[CAmera/TArget/Distance/POints/PAn/Zoom/TWist/CLip/Hide/Off/Undo]: TA`
   Specify camera location, or enter angle from XY plane, or [Toggle (angle in)] <35.2644>: `pick a target location`
   Enter option
   `[CAmera/TArget/Distance/POints/PAn/Zoom/TWist/CLip/Hide/Off/Undo]: enter`
   Regenerating model.
   **Note:** You can also type a target location.
Setting Camera Target with Points 7.3

Moves the camera in or out along the line of sight relative to the target. Once a perspective view is set, zooming is not allowed. Zoom functions must be done in the DVIEW command.

1. **Choose**  View, 3D Dynamic View.
   or
2. **Type**  DVIEW at the command prompt.
   Command: `dview`
   Select objects: `pick objects`
   Select objects: `enter`
   CAmera/TArget/Distance/POints/PAn/Zoom/
   TWist/CLip/Hide/Off/Undo/<eXit>: **PO**
Dynamic View and Perspective

Setting Perspective Distance 7.4

Moves the camera in or out along the line of sight relative to the target. Once a perspective view is set, zooming is not allowed. Zoom functions must be done in the DVIEW command.

1. **Choose** View, 3D Dynamic View.
   or
2. **Type** DVIEW at the command prompt.
   Command: `dview`
   Select objects: **pick objects**
   Select objects: **enter**
   `CAmera/TArget/Distance/POints/PAnt/Zoom/TWist/CLip/Hide/Off/Undo/<eXit>:D`
   New camera/target distance <1.7321>: **pick**

Turning Perspective Off 7.5

1. **Choose** View, 3D Dynamic View.
   or
2. **Type** DVIEW at the command prompt.
   Command: `dview`
   Select objects: **pick objects**
   Select objects: **enter**
   `CAmera/TArget/Distance/POints/PAnt/Zoom/TWist/CLip/Hide/Off/Undo/<eXit>:OFF`
Dynamic View and Perspective

Zooming in Dview 7.6

1. Choose View, 3D Dynamic View.
   or
2. Type DVIEW at the command prompt.
   Command: dview
   Select objects: pick objects
   Select objects: enter
   CAmera/TArget/Distance/POints/PAn/Zoom/TWist/
   CLip/Hide/Off/Undo/<eXit>: Z
   Adjust lens length <9.666mm>: pick

Panning in Dview 7.7

1. Choose View, 3D Dynamic View.
   or
2. Type DVIEW at the command prompt.
   Command: dview
   Select objects: pick objects
   Select objects: enter
   CAmera/TArget/Distance/POints/PAn/Zoom/TWist/
   CLip/Hide/Off/Undo/<eXit>: PA
   Displacement base point: pick
   Second point: pick

Resultant View of Zoomed and Panned
Clipping Objects 7.8

1. Choose View, 3D Dynamic View.
   or
2. Type DVIEW at the command prompt.
   Command: dview
   Select objects: pick objects
   Select objects: enter
   Camera/Target/Distance/Points/Pan/Zoom/TWist/
   Clip/Hide/Off/Undo/<Exit>: CL
   Back/Front/<Off>: F
   Eye/<Distance from target> <4.4721>: pick

Twisting Objects 7.9

1. Choose View, 3D Dynamic View.
   or
2. Type DVIEW at the command prompt.
   Command: dview
   Select objects: pick objects
   Select objects: enter
   Camera/Target/Distance/Points/Pan/Zoom/TWist/
   Clip/Hide/Off/Undo/<Exit>: TW
   New view twist <0.00>: pick
**Hidden Line Removal 7.10**

1. **Choose** View, 3D Dynamic View.
   or
2. **Type** DVIEW at the command prompt.
   Command: `dview`
   Select objects: **pick objects**
   Select objects: **enter**
   CAmera/TArget/Distance/POints/PAn/Zoom/TWist/CLip/Hide/Off/Undo/<eXit>: **H**